

GAVRIEL SALVEDY
University Distinguished Professor
College of Engineering and Computer Science
University of Central Florida

I. EDUCATION

Degree and Professional Registration Information

Honorary Doctorate from the Chinese Academy of Sciences, 1995.

Ph.D. in Industrial Psychology, Department of Engineering Production, University of Birmingham, England, 1968.

M. Sc. In Industrial Psychology, Department of Engineering Production, University of Birmingham, England, 1966.

Graduate Diploma in Ergonomics and Work Design, Department of Engineering Production, University of Birmingham, England, 1965.

Graduate Diploma in Business Administration and Management, Brunel University, England, 1964.

II. PROFESSIONAL EXPERIENCE

2018 – Present Founding President, Academy of Science, Engineering, and Medicine of Florida

2016 – Present University Distinguished Professor, College of Engineering and Computer Science,
University of Central Florida

2013 – 2016 Research Professor, Louisiana State University

2011 – Present Chair Professor Emeritus and Formers Head, Department of Industrial Engineering,
Tsinghua University

2008 – Present Professor Emeritus, School of Industrial Engineering, Purdue University

2001 – 2011 Chair Professor and Head, Department of Industrial Engineering, Tsinghua University,
Beijing, P.R. China

1999 – 2008 Professor, School of Industrial Engineering, Purdue University

1984 – 1999 NEC Professor of Industrial Engineering, Purdue University (A private chair)

1977 – 1984 Professor, School of Industrial Engineering, Purdue University

08/1979 – 09/1981 Fulbright Distinguished Professor, Faculty of Mechanical Engineering, University of
Belgrade, Yugoslavia

09/1978 – 12/1978 Visiting Professor, Leon Recanti Graduate, School of Business Administration, Tel-Aviv
University, Israel

1971 – 1977 Associate Professor, School of Industrial Engineering, Purdue University

1968 – 1971 Assistant Professor, Department of Industrial Engineering, State University of New
York at Buffalo

1965 – 1968 Research Associate, Department of Engineering Production, University of Birmingham,
England

III. PROFESSIONAL AFFILIATIONS

Founding President, Academy of Science, Engineering, and Medicine of Florida

Member, National Academy of Engineering (NAE)

Fellow and Life Member, Institute of Industrial Engineers (IIE):

1988-1989 Director, Work Methods and Measurement Division

1981-1986 Director of Research, Work Methods and Measurement Division

1979-1981 Editor, Work Methods and Measurement Division's Newsletter 1973

Recipient of the Phil Carrol Award

1977-1984 Professor, School of Industrial Engineering, Purdue University

Fellow, American Psychological Association (APA)

Honorary Fellow and Life Member, Ergonomics Society Fellow,

International Ergonomic Association (IEA) Fellow, Human

Factors and Ergonomics Society:

1984-1986 Chairman, Distinguished Foreign Colleague Award Committee

1974-1978 Member, National Training Committee

1976-1977 President, Indiana Chapter

1975-1976 Secretary, Indiana Chapter

1974-1975 Member, National Educational and Training Committees

1947-1975 Chairman Distinguished Lecture Series

1973-1974 Chairman, Liaison with Foreign Ergonomics Societies Committee

1972-1973 Member, National Advisory Committee to the President

1970-1971 President-Elect, Western New York Chapter

1969-1970 Vice President, Western New York Chapter

IV. AWARDS AND HONORS

- Guest Professor at Southeast University (2015)
- Elsevier John Wilson Award for major contributions to applied ergonomics presented by the International Ergonomics Association (IEA) 2015
- Honorary Professor at Tsinghua University (2014)
- Medal of Merit for Education awarded by Chinese Government Entities (2014) – This is one of ten awards given for contributions for education in China the past sixty years.
- The journals Ergonomics (2003), Computers in Industry (2010) and Intelligent Manufacturing (2011) have published special issues in honor of Gavriel Salvendy.
- John L. Imhoff Global Excellence Award for Industrial Engineering Education, presented by the American Society for Engineering Education (ASEE), 2008.
- John Fritz Medal, presented by the American Association of Engineering Societies, 2007. The award is referred to as the highest award in the engineering profession and is presented each year for scientific or industrial achievement in any field of pure or applied science.
- Friendship Award presented by the People's Republic of China, 2006. The award is the highest honor the Chinese government confers on foreign experts.
- The Paul M. Fitts Education Award, The Human Factors and Ergonomics Society, 2004

- Outstanding Educators Award, International Ergonomics Association (IEA), 2003
- President's Award, International Ergonomics Association (IEA), 2003
- Great Wall Friendship Award, The People's Government of Beijing Municipality, 2003
- Honorary Doctorate from the Chinese Academy of Sciences, 1995. He is the fourth person in all fields of science and engineering in the 45 years of the Academy ever to receive this award "for great contributions to the development of science and technology and for the great influence upon the development of science and technology in China."
- Elected to the National Academy of Engineering, 1990. He is the first member of either the Human Factors and Ergonomics Society or the International Ergonomics Association to be elected to the Academy. He was elected "for fundamental contributions to and professional leadership in human, physical, and cognitive aspects of engineering systems."
- Founding Editor, Human Factors and Ergonomics in Manufacturing, 1989- present.
- Founding Editor, International Journal on Human-Computer Interaction, 1988-present.
- Founding Chairman, International Commission on Human Aspects in Computing, Geneva, Switzerland, 1986-1991.
- Fellow of the following professional organizations:
 - Institute of Industrial Engineers (IIE)
 - International Ergonomics Association (IEA)
 - American Psychological Association (APA)
 - Human Factors and Ergonomics Society
 - Ergonomics Society
- Recipient, IIE - Joint Publishers Award, Book-of-the-Year (Handbook of Human Factors), 1988.
- Recipient, American Publishers Assoc. Award for the best book in Engineering (Handbook of Industrial Engineering) 1982.
- Ergonomics Society, Honorary Fellow and Life Member
- Recipient, Award for Excellence in Oral Presentation, Society of Automotive Engineers, Inc., 1980.
- Recipient, 1979-80 and 1981-82 U.S. Government's Fulbright Distinguished Professor Award.
- Recipient, American Institute of Industrial Engineers' Phil Carroll Achievement Award for Outstanding Contributions in Work Measurement and Methods Engineering, 1973.

V. CITATIONS, BIOGRAPHICAL WORKS

Who's Who in the World; Who's Who in America; Who's Who in Robotics; American Men and Women of Science, Men of Achievement; Dictionary of International Biography; International Authors and Writers Who's Who; Contemporary Authors; Who's Who in Technology Today; Who's Who in the Midwest; International Who's Who in Engineering; International Leaders in Achievement; Who's Who in Engineering, Men and Women of Distinction.

VI. MAJOR USA GOVERNMENT AND STATE COMMITTEE APPOINTMENTS

2013-2014	National Research Council's Committee to Review FAA Next Gen
2007-2009	National Research Council's Panel on Army Research Laboratories
1999-2001	National Research Council Committee on NASA's Human Factors Research
1996-1997	National Research Council Committee on Advanced Technology for Human Support in Space

- 1992-1994 National Research Council's Committee on Review and Evaluation of the Army Chemical Stockpile Disposal Program
- 1987-1995 Indiana Business Modernization and Technology Corporation, Committee on Artificial Intelligence
- 1985-1986 National Research Council's Committee on "Effective Utilization of Advanced Manufacturing Technologies"
- 1984-1985 State of Indiana, Committee on "Productivity Center"
- 1982-1985 Nuclear Regulatory Commission Subcommittee on "Human Factors" 1979-1980 Joint Engineering Council's Committee on Three Mile Island.

VII. CONSULTING EXPERIENCE

Professor Salvendy has consulted and/or lectured to over 100 organizations in over 30 countries on increasing the effectiveness of human-computer interaction on methods for raising productivity, job satisfaction and health and safety. These organizations included manufacturing corporations, government agencies, non-profit organizations, research institutes and the legal profession.

VIII. EDITORIAL EXPERIENCE

Editor of two journals:

- International Journal on Human-Computer Interaction (1987 – present)
- Human Factors and Ergonomics in Manufacturing and Service Industries (1989-2015).

Editorial Board Member for the following journals:

- Behaviour and Information Technology
- Theoretical Issues in Ergonomics Science (TIES)
- Integrated Computer-Aided Engineering
- International Journal of Universal Access in Information Society
- Ergonomia
- International Journal of Industrial and Systems Engineering
- AIS Transactions on Human – Computer Interaction
- Service Science

IX. CONFERENCES

A. Conference Chair:

- 2020 Founding Co-Chair of the International Conference on Design, Operation and Evaluation of Mobile Communications.
- 2014 Founding Co-Chair of the International Conference on Human Aspects of IT for the Age Population.
- 1996 Founding Chair of the International Conference on Applied Human Factors and Ergonomics. The conference attracts over 1,300 people from over 60 countries.

- 1984 Founding Chair of the International Conference on Human Computer Interaction which attracts annually over 2,000 people from over 70 countries.
- Founding Chair of International Conference on Machine-paced and Occupational Stress, West Lafayette, Indiana. 17-19 March 1981.
- Founding Chair on Human Aspects in Nuclear Power Plants, Purdue University, West Lafayette, Indiana, 7 Feb 1975.

B. Scientific Advisor for the following conferences:

- 2005 to present – International Conference of Human Computer Interaction (HCI International).
- 2008 to 2018 – International Conference on Applied Human Factors and Ergonomics.

X. INTERNATIONAL EXPERIENCE

Gavriel Salvendy has lectured or consulted at the following 31 countries: Austria; Belgium; Brazil; Canada; China; Czech Republic; Denmark; Finland; France; Germany; Greece; Hong Kong; Hungary; Israel; Italy; Japan; Mexico; Netherlands; Slovakia, South Korea; Norway; Poland; Philippines; Portugal; Spain; Sweden; Taiwan; Thailand; Turkey, United Kingdom; and Yugoslavia.

XI. DOCTORAL STUDENTS

Year	Name	Title of Dissertation
1975	Pilitsis, John V.	The Development and Validation of an Analytical Training Program for Medical Suturing
1976	Joost, Michael George	Quantifying Hyperactivity in Children
1977	Boydstun, Louis E.	Hierarchical Acquisition of Psychomotor Skill
1982	Suominen, Satu	Impact of Changes in Physical Fitness and the Effectiveness of Decision Making
1984	Hwang, Sheue-Ling	Human Supervisory Performance in Flexible Manufacturing Systems
1984	Sharit, Joseph	Human Supervisory Control of A Flexible Manufacturing System: An Exploratory Investigation
1986	Barfield, Woodrow	Cognitive and Perceptual Aspects of Three Dimensional Figure Rotations for Computer-Aided Design (CAD) Systems

Year	Name	Title of Dissertation
1987	Garg, Chaya	Development of a Methodology for Knowledge Elicitation for Building Expert Systems
1887	Koubek, Richard John	Toward an Understanding of Super-Expert Cognitive Performance: Implications for Expert Systems and Software Engineering
1989	Gibson, David Chester	Knowledge Structures in Human Problem Solving: Implications for Human-Computer Interactive Tasks

1990	Papontopoulos, Sotiris	A Decision Model for Cognitive Task Allocation
1991	Cook, John Robert	Cognitive and Social Factors in the Design of Computerized Jobs
1991	Ye, Nong	Development and Validation of a Cognitive Model of Human Knowledge System: Toward an Effective Adaptation to Differences in Cognitive Skills
1992	Chao, Chin-Jung	Development of a Methodology for Optimizing the Elicited Knowledge
1992	Stanney, Kay Marie	Effects of Diversity in Field-Articulation on Human-Computer Performance
1992	Zhao, Baijun	A Structured Analysis and Quantitative Measurement of Task Complexity in Human-Computer Interaction
1993	Bi, Shuxin	Workload Prediction in the Design of Dynamic Control Systems: Applications to Advanced Manufacturing Systems
1993	Jacko, Julie Anne	Models for Hierarchical Menu Design: Incorporating Breadth and Depth, Task Complexity, and Knowledge Structure of the User
1994	Gong, Qing	Development and Validation of a Cognitive Model of a Conceptual Model for a Skill-Based Adaptive Human-Computer Interface
1995	Matias, Aura C.	Predictive Models of Carpal Tunnel Syndrome (CTS) Causation Among VDT Operators
1995	Patel, Umesh Harashad	An Analog of Ohm's Law for Modeling Mental Workload
1996	Choong, Yee-Yin	Design of Computer Interfaces for the Chinese Population
1996	Duffy, Vincent G.	Development and Validation of a Model for Successful Integration of People, Organization and Technology in Concurrent Engineering: A Study of 103 Electronics Manufacturers
1997	Dong, Jianming	Human-Computer Interface Design for the Chinese Population
1997	Lin, Xianzhan	Development and Validation of Cognitive Models for Human Error Reduction
1997	Xie, Bin	A Methodology for Modeling and Predicting Mental Workload in Single- and Multi-Task Environments
1998	Chen, Bo	Design and Validation of a User-Centered Web Browser
1998	Rau, Pei-Luen	Design and Evaluation of Human-Centered Electronic Mail Address System
1999	Fang, Xiaowen	Development and Validation of a User-Centered Search Tool for the Web
1999	Fu, Limin	Usability Evaluation of Web Page Design
1999	McKinnis, David R.	The Role of Faculty in University-Based Industrial Outreach
2000	Liu, Baili	Modeling the Design of Visual Search Tasks in Human-Computer Interaction
2000	Wei, June	The Cognitive Task Analysis System
2001	Ji, Yong Gu	Intranet Portal Organizational Memory Information System
2001	Ozok, Ant Asim	Guidelines for Design and Measurement of Interface Consistency on the World Wide Web
2002	Ma, Lingfeng	Search Tools for Internet 2
2002	Xie, Yunlong	Situation Awareness Support for Asynchronous Collaboration

Year	Name	Title of Dissertation
-------------	-------------	------------------------------

2003	Song, Guangfeng	A Method for Reusing Web Browsing Experience to Enhance Web Information Retrieval
2005	Horn, Diana	Modeling and Quantifying Consumer Perception of Product Creativity
2005	Ling, Chen	Taguchi Based Heuristic Usability Evaluation Method
2006	Hwang, Wonil	Development and Validation of Weighted Bi-clustering for Data Mining: IT Usability Evaluation
2006	Liu, Yan	Interactive Visual Data Mining Modeling to Enhance Understanding and Effectiveness of the Process
2006	Zhao, Zhengxuan	Study of Design and Evaluation of a Screen Magnifier Based on Visual Theory (Co-chair: Pei-Luen Patrick Rau)
2006	Zhang, Bin	Design and Evaluation of Smart Home User Interface: Effects of Age, Tasks and Smartness Level (Co-chair: Pei-Luen Patrick Rau)
2006	Gao, Qin	Mobile Advertising on Handheld Devices: Interactivity and Context Awareness (Co-chair: Pei-Luen Patrick Rau)
2007	Lee, Minseok	Usability of Collaboration Technologies (Co-chair: J.Hahn)
2007	April Savoy	Content Preparation: Factor Structure and Delivery(Co-chair: Robert Proctor)
2007	Liao, Huafei	Content preparation for cross-cultural e-commerce for American and Chinese online consumers (Co-chair: Robert Proctor)
2008	Huang, Dinglong	Perception of Information Security (Co-chair: Pei-Luen Patrick Rau)
2008	Niu, Jianwei	Multi-resolution Shape Description and Clustering of 3D Anthropometric Data for Population Fitting Design (Co-chair: Zhizhong Li)
2008	Park,Taezoon	Effective design of advertisement in handheld devices
2009	Qin, Hua	Study on Player Immersion and Difficulty in the Computer Game Narrative (Co-chair: Pei-Luen Patrick Rau)
2009	Zhang, Ting	User-Centered Design For Web Applications on Handheld Devices (Co-chair: Pei-Luen Patrick Rau)
2009	Jeong, Kyeong-Ah	Design and Operation of Smart Homes in USA and Korea (Co-chair: Robert Proctor)
2010	Guo, Yinni	Axiomatec Evaluation Method and Content Structure for Information Appliances (Co-chair: Robert Proctor)
2010	Xu, Song	Individualization Methods of Head-Related Transformation Functions for Virtual Three-Dimensional Sounds (Co-Chair: Zhizhong Li)
2010	Wang, Yanbin	Studies of Hazard Perception Training and Intervention for Novice Drivers (Co-Chair: Wei Zhang)
2010	Wang, Lin	Variables contributing to older adults' acceptance of information technology in China, Korea and USA (Co-Chair: Pei-Luen Patrick Rau)
2011	Wang, Pei	Effect of Driver Information Sharing and Communication on Unsafe Driving Behaviors (Co-chair: Pei-Luen Patrick Rau)
2011	Hu, Bo	Realization and Validation of Using Virtual Reality to Evaluate Physical Ergonomic Attributes of Physical Work (Co-chair: Wei Zhang)
2011	Zeng, Liang(Leon)	Fostering creativity in product/service development: Validation in the domain of information technology (Co-chair: Robert Proctor)
2011	Jun, Esther	Interactive Visualizations: Understanding Perceptual Tradeoffs for Effective Presentation of Information (Co-chair: Steven Landry)
2011	Kim, Kyungdoh	Derivation and evaluation of 3D menu designs for smartphones (Cochair: Robert Proctor)

2012	Duan, Jiyang	Driver's risk illusions in car following and unconscious imitation behavior (Co-chair: Zhizhong Li)
2013	Li, Hui	Information Technology Supported Multinational Group Decision Making (Co-chair: Pei-Luen Patrick Rau)
Year	Name	Title of Dissertation
2013	Zhou, Jia	Research on the influence of the Elderly's Cognitive Factors on the Interface Design of Smart Handheld Devices (Co-chair: Pei-Luen Patrick Rau)
2015	Ba, Yutao	Driver-Driven Interaction and Unsafe behavior study through eyetracking and simulation (Co-chair: Wei Zhang)

XII. RESEARCH PUBLICATIONS

A. Books

1. Salvendy, G & Karwowski, W. 2022, *Handbook of Human Factors and Ergonomics, 1st Edition*. Wiley (Scheduled 15th September 2021 publication).
2. Salvendy, Gavriel, June Wei (Eds.). *Design, Operation and Evaluation of Mobile Communications*. 1st International Conference of MOBILE 2020, held as part of the 22nd HCI International Conference, HCI 2020. Copenhagen, Denmark, July 19-24, 2020 Proceedings. Vol. 12216. Publisher is Springer.
3. Constantine Stephanidis, Gavriel Salvendy, June Wei, Sakae Yamamoto, Hirohiko Mori, Gabriele Meiselwitz, Fiona Fui-Hoon, Keng Siau. *Interaction Knowledge Social Media*. 22nd HCI International Conference, HCI 2020. Copenhagen, Denmark, July 19-24, 2020 Proceedings. Vol. 12427. Publisher is Springer.
4. Zhou, J., & Salvendy, G. (Eds.). (2019). Human Aspects of IT for the Aged Population. Social Media, Games and Assistive Environments: 5th International Conference, ITAP 2019, Held as Part of the 21st HCI International Conference, HCII 2019, Orlando, FL, USA, July 26-31, 2019, Proceedings (Vol. 11593). Springer.
5. Zhou, J., & Salvendy, G. (Eds.). (2019). Human Aspects of IT for the Aged Population. Design for the Elderly and Technology Acceptance: 5th International Conference, ITAP 2019, Held as Part of the 21st HCI International Conference, HCII 2019, Orlando, FL, USA, July 26-31, 2019, Proceedings (Vol. 11592). Springer.
6. Zhou, J, Salvendy, G (Editors): Human Aspects of IT for the Aged Population. Applications in Health, Assistance, and Entertainment: 4th International Conference, ITAP 2018, Held as Part of HCI International 2018, Las Vegas, NV, USA, July 15–20, 2018, Proceedings 2018, 589 pages
7. Zhou, J, Salvendy, G (Editors) Human Aspects of IT for the Aged Population. Acceptance, Communication and Participation: 4th International Conference, ITAP 2018, Held as Part of HCI International 2018, Las Vegas, NV, USA, July 15–20, 2018, Proceedings, 2018, 597 pages
8. Zhou, J, Salvendy, G – 2017, Human Aspects of IT for the Aged Population. Applications, Services and Contexts: Third International Conference, ITAP 2017, Held as Part of HCI International 2017, Vancouver, BC, Canada, July 9-14, 2017, Proceedings, 2017, 581 pages
9. J Zhou, G Salvendy – 2017, Human Aspects of IT for the Aged Population. Aging, Design and User Experience: Third International Conference, ITAP 2017, Held as Part of HCI International 2017, Vancouver, BC, Canada, July 9-14, 2017, Proceedings, 2017, 511 pages
10. Salvendy, G, Karwowski, W, Advances in Human Factors and Ergonomics 2012-14 Volume Set: Proceedings of the 4th AHFE Conference 21-25 July 2012. CRC Press, 2018.
11. Dong, J., Fu, P., Rau, P., Stephanidis, C., and Salvendy, G., Human-Computer Interaction, Beijing: Tsinghua Press, May 2021, (6th edition) (in Chinese) 2016, 311 pages

12. Zhou, J. and Salvendy, G. (Editors): Human Aspects of IT for the Aged Population: Design for Aging, Springer, 2016, 502 pages
13. Zhou, J. and Salvendy, G. (Editors): Human Aspects of IT for the Aged Population: Healthy and Active Aging, Springer, 2016, 450 pages
14. Zhou, J., & Salvendy, G. (Eds.). (2015). Human Aspects of IT for the Aged Population. Design for Everyday Life: First International Conference, ITAP 2015, Held as Part of HCI International 2015, Los Angeles, CA, USA, August 2-7, 2015. Proceedings (Vol. 9194). Springer.
15. Zhou, J., & Salvendy, G. (Eds.). (2015). Human Aspects of IT for the Aged Population. Design for Aging: First International Conference, ITAP 2015, Held as Part of HCI International 2015, Los Angeles, CA, USA, August 2-7, 2015. Proceedings (Vol. 9193). Springer.
16. Dong, J., Fu, P., Rau, P., Stephanidis, C., and Salvendy, G., Human-Computer Interaction, Beijing: Tsinghua Press, 2012, 334 pages (4th edition) (in Chinese).
17. Salvendy, G. (Editor), Handbook of Human Factors and Ergonomic, (4th edition), Hoboken NJ, John Wiley and Sons, 2012, 1732 pages. • Translated and published in Japanese by Dobun Shoin and to Russian by Mir Publishers
18. Smith, M.J. and Salvendy, G. (Editors), Human Interface and Management of Information, Part I, Heidelberg: Springer, 2011, 703 pages.
19. Salvendy, G. and Smith M.J. (Editors), Human Interface and Management of Information, Part II, Heidelberg: Springer, 2011, 559 pages.
20. Salvendy, G., Karwowski, W. (Editors), Advances in Design for Cross- Cultural Activities. Boca Raton, FL: CRC Press - A Taylor & Francis Company, 2010, 700 pages.
21. Salvendy, G., Kaber, D.B., Boy G., Karwowski, W. (Editors), Advances in Cognitive Ergonomics, Boca Raton, FL: CRC Press - A Taylor & Francis Company, 2010, 910 pages.
22. Salvendy, G., Vink P., Kantola J., Karwowski W. (Editors), Advances in Occupational, Social and Organizational Ergonomics. Boca Raton, FL: CRC Press - A Taylor & Francis Company, 2010, 860 pages.
23. Karwowski, W., Salvendy, G. (Editors), Advances in Human Factors, Ergonomic, and Safety in Manufacturing and Service Industries, New York: CRC Press, 2010, 1231 pages.
24. Dong, J., Fu, L., Rau, P.L., Stephanidis C., and Salvendy, G. Human- Computer Interaction (3rd Edition), Beijing: Tsinghua Press, 2010, 251 pages (In Chinese).
25. Liao, H., Guo, Y., Savoy, A and Salvendy, G content preparation guidelines for the web and information appliances: cross cultural comparison, Boca Raton, FL: CRC Press - A Taylor & Francis Company, 2010, 192 pages.
26. Salvendy, G., and Karwowski, W. (Editors), Introduction to Service Engineering: Hoboken, New Jersey: John Wiley and Sons, 2010, 671 pages.
27. Smith, M.J., Salvendy, G. (Editors). Human Interface and the Management of Information: Designing Information Environments. Heidelberg: Springer, 2009, 780 pages.
28. Salvendy, G., and Smith, M.J. (Editors). Human Interface and the Management of Information: Information and Interaction. Heidelberg: Springer, 2009, 920 pages.
29. Dong, J., Fu, L., Rau, P.L., and Salvendy, G. Human-Computer Interaction (2nd Edition), Beijing: Tsinghua Press, 2007, 226 pages.
30. Smith, M. J., and Salvendy, G (Editors). Human Interface and the Management of Information (Part I), Heidelberg: Springer, 2007, 1037 pages.
31. Smith, M. J., and Salvendy, G (Editors). Human Interface and the Management of Information (Part II), Heidelberg: Springer, 2007, 1169 pages.
32. Salvendy, G. (Editor): Handbook of Human Factors and Ergonomics (3rd edition), Hoboken, New Jersey: John Wiley and Sons, 2006, 1670 pages.

33. Dong, J., Fu, P., and Salvendy, G.: Human-Computer Interaction: User Centered Design and Evaluation, Beijing: Tsinghua Press, 2004, 204 pages.
34. Salvendy, G. (Editor): Handbook of Industrial Engineering: Technology and Operations Management, (3rd edition), Hoboken, New Jersey: John Wiley & Sons, 2001, 2796 pages • Translated and published in Chinese by Tsinghua Press, in Japanese by Japan Management Association and in Spanish by Editorial Limusa.
35. Smith, M. J., Salvendy, G., Harris, D., Koubek, R. J., (Editors): Usability Evaluation and Interface Design: Cognitive Engineering, Intelligent Agents and Virtual Reality, (Volume 1), London: Lawrence Erlbaum Associates, 2001.
36. Smith, M. J., Salvendy, G. (Editors): Systems, Social and Internationalization Design Aspects of HumanComputer Interaction, (Volume 2), London: Lawrence Erlbaum Associates, 2001.
37. Karwowski, W., Salvendy, G. (Editors): Design of Work and Organization, Hoboken, New Jersey: John Wiley & Sons, 1999.
38. Karwowski, W., Salvendy, G. (Editors): Ergonomics in Manufacturing: Raising productivity through workplace improvement, Dearborn, MI: Society of Manufacturing Engineers, 1998, 538 pages.
39. Salvendy, G., Smith, M.J, and Koubek, R.J. (Editors): Design of Computing Systems: Cognitive Considerations, Amsterdam, The Netherlands: Elsevier Science Publishers, 1997, 879 pages.
40. Salvendy, G., and Smith, M.J. (Editors): Design of Computing Systems: Social and Ergonomic Considerations, Amsterdam, The Netherlands: Elsevier Science Publishers, 1997, 1027 pages.
41. Salvendy, G. (Editor): Handbook of Human Factors & Ergonomics, 2nd Edition, Hoboken, New Jersey: John Wiley & Sons, 1997, 2137 pages.
42. Ozok, A., Salvendy, G. (Editors): Advances in Applied Ergonomics, Istanbul: USA Publishing, 1996, 1101 pages.
43. Salvendy, G., and Karwowski, W. (Editors): Design of Work and Development of Personnel in Advanced Manufacturing, Hoboken, New Jersey: John Wiley & Sons, 1994, 591 pages.
44. Karwowski, W., and Salvendy, G. (Editors): Organization and Management of Advanced Manufacturing, Hoboken, New Jersey: John Wiley & Sons, 1994, 437 pages.
45. Salvendy, G., and Smith, M.J. (Editors): Human-Computer Interaction: Software and Hardware Interfaces, Amsterdam, Netherlands: Elsevier Science Publishers, 1993, 1145 pages.
46. Smith, M.J., and Salvendy, G. (Editors): Human-Computer Interaction: Applications and Case Studies, Amsterdam, Netherlands: Elsevier Science Publishers, 1993, 1062 pages.
47. Salvendy, G. (Editor): Handbook of Industrial Engineering, (2nd edition), Hoboken, New Jersey: John Wiley & Sons, 1992, 2,800 pages.
48. Smith, M.J., and Salvendy, G. (Editors): Work with Computers: Stress, Health, Organizational and Management Issues, Amsterdam, Netherlands: Elsevier Science Publishers, 1989, 698 pages.
49. Salvendy, G., and Smith, M.J. (Editors): Designing and Using Human- Computer Interfaces and Knowledge Based Systems, Amsterdam, Netherlands: Elsevier Science Publishers, 1989, 900 pages.
50. Salvendy, G. (Editor): Cognitive Engineering in the Design of Human- Computer Interaction and Expert Systems, Amsterdam, Netherlands: Elsevier Science Publishers, 1987, 592 pages.
51. Salvendy, G., Sauter, S., and Hurrell, J. (Editors): Social, Ergonomic and Stress Aspects of Work with Computers, Amsterdam, Netherlands: Elsevier Science Publishers, 1987, 373 pages.
52. Majchrzak, A., Barfield, W., Chang, T.C., Eberts, R., and Salvendy, G., Human Aspects of Computer-Aided Design, London: Taylor & Francis, Ltd., 1987, 287 pages.
53. Salvendy, G. (Editor), Handbook of Human Factors, Hoboken, New Jersey: John Wiley & Sons, 1987, 1898 pages. Translated and published in Russian by Mir Publishers, 1991; Translated and published in Japanese by Dobun Shoin, 1989. Received the IIE-Joint Publishers Award for Best Book of the Year, 1988.
54. Salvendy, G. (Editor), Human-Computer Interaction, Amsterdam, Netherlands: Elsevier Scientific

Publishers, 1984 (XIII + 470 pages). Translated and published in Japanese by Dobun Shoin, 1986

55. Salvendy, G. (Editor), Handbook of Industrial Engineering Hoboken, New Jersey: John Wiley & Sons, 1982, (2128 pages). Translated and published in Spanish by Editorial Limusa, 1991; Translated and published in Japanese by Japan Management Association, 1987; Translated and published in Chinese by Mechanical Industry Publishing Company, 1987; Reprinted in Taiwan by Southeast Book Company, 1984; Received in the American Publishers Association Best Book Award in Engineering, 1982.
56. Salvendy, G., and Smith, M.J., (Editors), Machine Pacing and Occupational Stress, London: Taylor & Francis, Ltd., 1981, (x+374 pages). Translated and published in Japanese by Dobun Shoin, 1983
57. Salvendy, G., and Seymour, W.D., Prediction and Development of Industrial Work Performance, Hoboken, New Jersey: John Wiley & Sons, 1973 (XII + 351 pages)

B. Book Chapters

1. Nah, F., Galletta, D., Knight, M., Lewis, J., Pruitt, J., Salvendy, G., Sheng, H., & Wichansky, A. (2015). Creating Greater Synergy between HCI Academia and Practice. In F. Nah & C-H Tan (Eds.), HCI in Business - Volume 23 of the combined Proceedings of the 17th International Conference on Human-Computer Interaction (HCI International 2015), Los Angeles, CA, USA, 2-7 August, pp. 727-738. Berlin Heidelberg: Lecture Notes in Computer Science Series of Springer.
2. Li, H., Rau, P. L. P., Zhao, X., & Salvendy, G. (2013). On Relationship between Self-construal and Individual Behavior in Video-Mediated Multicultural Group Decision Making. In Cross-Cultural Design. Cultural Differences in Everyday Life (pp. 247-256). Springer Berlin Heidelberg.
3. Zhou, J., Rau, P. L. P., & Salvendy, G. (2013). A qualitative study of older adults' acceptance of new functions on smart phones and tablets. In Cross-Cultural Design. Methods, Practice, and Case Studies (pp. 525-534). Springer Berlin Heidelberg.
4. Guo, Y., Zhu, Y., Salvendy, G., & Proctor, R. W. (2013). Value added by the axiomatic usability method for evaluating consumer electronics. In Human Interface and the Management of Information. Information and Interaction for Learning, Culture, Collaboration and Business, (pp. 457-466). Springer Berlin Heidelberg.
5. Zeng, L., Proctor, R.W. and Salvendy, G., "Integration of Creativity into Website Design." In J. A. Jacko (Editor): Human-Computer Interaction—New Trends. Heidelberg: Springer, 2009.
6. Kim, K., Proctor, R.W. and Salvendy, G. "Menu Design in Cell Phones: Use of 3D Menus." In J. A. Jacko (Editor): Human-Computer Interaction-Ambient, Ubiquitous and Intelligent Interaction. Heidelberg: Springer, 2009.
7. Jeong, K. A., Proctor, R.W. and Salvendy, G., "Grouping Preferences of Americans and Koreans in Interfaces for Smart Home Control". In M. Kurosu (Editor): Human Centered Design. Heidelberg: Springer, 2009.
8. Wang, P., Rau, and Salvendy, G., "A Survey Study of Chinese Drivers' Inconsistent Risk Perception." In D. Harris (Editor): Engineering Psychology and Cognitive Ergonomics. Heidelberg: Springer, 2009.
9. Cho, G., Jang, S., Chae, J., Jeong, K., and Salvendy, G., "Textile Touch Visualization for Clothing EBusiness," in Human-Computer Interaction (Editor J. Jacko) Heidelberg: Springer, 2007.
10. Gao, Q., Rau, P., and Salvendy, G., "Provide Context-Aware Advertisements with Interactivity," in Human-Computer Interaction (Editor J. Jacko) Heidelberg: Springer, 2007.
11. Guo, Y., and Salvendy, G., "Factor Structure of Content Preparation for E-Business Web Sites: A Survey Results of Industrial Employees in P.R. China," in Human-Computer Interaction (Editor J. Jacko) Heidelberg: Springer, 2007.
12. Huang, D-L., Rau, P., and Salvendy, G., "A Survey of Factors Influencing People's Perception of Information Security," in Human-Computer Interaction (Editor J. Jacko) Heidelberg: Springer, 2007.
13. Hwang, W., and Salvendy, G., "What Makes Evaluators to Find more Usability Problems? A Meta-analysis for Individual Detection Rates," in Human-Computer Interaction (Editor J. Jacko) Heidelberg: Springer, 2007.

14. Liu, Y., and Salvendy, G., "Interactive Visual Decision Tree Classification," in Human-Computer Interaction (Editor J. Jacko) Heidelberg: Springer, 2007.
15. Niu, J., Li, Z., and Salvendy, G., "A Case Study of Multi-resolution Representation of Heads, in Digital Human Modeling" (Editor V. Duffy) Heidelberg: Springer, 2007.
16. Niu, J., Li, Z., and Salvendy, G., "Mathematical Methods for Shape Analysis and form Comparison in 3D Anthropometry: A Literature Review," in Digital Human Modeling (Editor V. Duffy) Heidelberg: Springer, 2007.
17. Park, T., Hwang, W., and Salvendy, G., "To Effective Multi-modal Design for Ringtones, Ringback Tones and Vibration of Cell Phones," in Human Computer Interaction (Editor J. Jacko) Heidelberg: Springer, 2007.
18. Savoy, A., and Salvendy, G., "Effectiveness of Content Preparation in Information Technology Operations: Synopsis of a Working Paper," in Human Computer Interaction (Editor J. Jacko) Heidelberg: Springer, 2007.
19. Zhang, T., Rau, P., and Salvendy, G., "Developing Instrument for Handset Usability Evaluation: A Survey Study, in Human-Computer Interaction" (Editor J. Jacko) Heidelberg: Springer, 2007.
20. Zhang, T., Rau, P.-L. P., & Salvendy, G. 2007. Developing instrument for handset usability evaluation: a survey study. In J. A. Jacko (Ed.), Proceedings of the 12th International Conference on Human-Computer Interaction (HCI 2007), Lecture Notes in Computer Science, Human-Computer Interaction. Interaction Design and Usability (Vol. 4550, pp. 662-671). Berlin / Heidelberg: Springer.
21. Qin, H., Rau, P.-L.P. and Salvendy, G. (2007) Player immersion in the computer game narrative. In L. Ma, R. Nakatsu, and M. Rauterberg (Eds.): The Wireless World of Electronic Commerce (ICEC 2007). Minneapolis, USA, August 19-22, 2007, Lecture Notes in Computer Science Vol. 4740, 458-461, Shanghai, China, 2007.
22. Salvendy G., "Perspectives on Human-Computer Interaction," in Human Computer Interaction Handbook (Editors J. Jacko and A. Sears), 2002.
23. Karwowski, W., Kantola, J., Rodrick, D., Salvendy, G., "Macroergonomic Aspects of Manufacturing," in Macroergonomics: Theory, Methods, and Applications, (Editors Hendrick and Kleiner) London, Lawrence Erlbaum Associates, 2002.
24. Ji, Y-G and Salvendy, G., "Development and Validation of Intranet Portal Organizational Memory Information System for improving Organizational Learning," in Systems, Social and Internationalization Design Aspects of Human-Computer Interaction, (Editors: M. J. Smith and G. Salvendy), London: Lawrence Erlbaum Associates, 2001, pp.297- 300.
25. Lee, Tzai-Zang, Salvendy, G., "Model and Measurement of Creativity," in Industrial Organization and Business Management, Trondheim, Norway: Tapir Akademisk Forlag, 2001.
26. Stanney, K.M., Smith, M.J., Salvendy, G. "Human Computer Interaction," in Handbook of Industrial Engineering: Technology and Operations Management, (3rd edition), New York: John Wiley & Sons, 2001.
27. Salvendy, G., "Human Computer Interaction," in International Encyclopedia of Ergonomics and Human Factors (Editor: W. Karwowski; Taylor & Francis, Limited), 2000.
28. Stanney, K.M., and Salvendy, G., "Socially Centered Design," in International Encyclopedia of Ergonomics and Human Factors (Editor: W. Karwowski; Taylor & Francis, Limited), 2000.
29. Choong, Y-Y, Salvendy, G., "Human Factors in Planning Robotic Systems," in Handbook of Industrial Robotics, 2nd Edition, (Editor: S.Y. Nof) New York: John Wiley & Sons, 1999, pp. 645-673.
30. Salvendy, G., "Ergonomics in Plant Operations," in Ergonomics in Manufacturing, (Editors: W. Karwowski, G. Salvendy), Dearborn, Michigan: Society of Manufacturing Engineers, 1998, pp. 1-4.
31. Salvendy, G., "Psychological and Organizational Factors: Work Pacing," in ILO Encyclopedia of Occupational Health & Safety, Geneva, Switzerland: International Labour Office 1997, No. 8, pp. 34.2334.24.
32. Stanney, K.M., Macey, J.L., Salvendy, G., "Socially Centered Design," in Handbook of Human Factors & Ergonomics, 2nd Edition, (Editor: G. Salvendy), New York: John Wiley & Sons, 1997.

33. Carayon, P., Salvendy, G., "Data-Collection and Evaluation of outcome Measures," in Handbook of Human Factors & Ergonomics, 2nd Edition, (Editor: G. Salvendy), New York: John Wiley & Sons, 1997.
34. Karwowski, W., Warnecke, H.-J., Hueser, M., Salvendy, G., "Human Factors in Manufacturing," in Handbook of Human Factors & Ergonomics, 2nd Edition, (Editor: G. Salvendy), New York: John Wiley & Sons, 1997, pp. 1856-1925.
35. Salvendy, G., "Complexity of Complex System: How do we measure it?" in Human Interaction with Complex Systems: Conceptual Principles and Design Practice, (Editors: C. Ntuen, E.H. Park), Boston: Kluwer Academic Publishers, 1996, pp. 387-390.
36. Matias, A., Salvendy, G., Kuczek, T., "Carpal Tunnel Syndrome among Computer Office Personnel: Causations and Predictions," in Advances in Applied Ergonomics (Editors: Ozok A., Salvendy, G.), Istanbul: USA Publishing, 1996, pp. 208-210.
37. Duffy, V.G., Salvendy, G., "Engineering and Society," in Advances in Applied Ergonomics (Editors: Ozok A., Salvendy, G.), Istanbul: USA Publishing, 1996, pp. 619-622.
38. Nakamura, N., and Salvendy, G., "Human Planner and Scheduler," in Design of Work and Development of Personnel in Advanced Manufacturing," (Editors: G. Salvendy and W. Karwowski), New York: John Wiley & Sons, 1994, pp. 331-354.
39. Tachibana, M., Naniwada, M., and Salvendy, G., "Operational Model for Increasing Quality, Productivity and Profitability in Maintenance," in Design of Work and Development of Personnel in Advanced Manufacturing, (Editors: G. Salvendy and W. Karwowski), New York: John Wiley & Sons, 1994, pp. 535-551.
40. Wilson, J.R., Koubek, R.J., Sharit, J., Karwowski, W., and Salvendy, G., "Human Factors in Advanced Manufacturing: A Review and Reappraisal," in Organization and Management of Advanced Manufacturing, (Editors: W. Karwowski and G. Salvendy), New York: John Wiley & Sons, 1994, pp. 379-416.
41. Lehto, M.R., Boose, J. Sharit, J., and Salvendy, G., "Knowledge Acquisition," in Handbook of Industrial Engineering (Second Edition), (Editor: G. Salvendy), New York: John Wiley & Sons, 1992, pp. 1495- 1545.
42. Knight, J.L., and Salvendy, G., "Psychomotor Work Capabilities," in Second Edition of the Handbook of Industrial Engineering, (Editor: G. Salvendy), New York: John Wiley & Sons, 1992, pp. 978-989.
43. Smith, M.J., Carayon, P., Eberts, R.E., and Salvendy, G., "Human- Computer Interaction," in Handbook of Industrial Engineering (Second Edition), (Editor: G. Salvendy), New York: John Wiley & Sons, 1992, pp. 1107-1144.
44. Karwowski, W., and Salvendy, G., "Fuzzy Set Theoretic Applications in Modeling of Man-Machine Interactions," in An Introduction to Fuzzy Logic Applications in Intelligent Systems, (Editors: R. Yager and L. Zadeh), Boston/Dordrecht/London: Kluwer Academic Publishing, 1992, pp. 201-220.
45. Salvendy, G., "Industrial Engineering in America and a Conceptual Framework for the Development of Flexible Mass Production of Knowledge Based Systems and Adaptive Interfaces," in Driftstekniske Udviklinger 1991 (a Festschrift) honoring Professor Christian H. Gudnason (Technical University of Denmark), 1991, pp. 215-224.
46. Kume, Y., and Salvendy, G., "Noise and Vibration in Computerized Manufacturing and its Effects on Operators' Performance and Stress," in Ergonomics of Hybrid Automation Systems II, (Editors: W. Karwowski and M. Rahimi), 1990, pp. 985-991.
47. Garg-Janardan, C., and Salvendy, G., "A Structured Knowledge Elicitation Methodology for Building Expert Systems," in Knowledge Based Systems (4), (Editors: J.H. Boose and B.R. Gaines), 1990, pp. 85- 114.
48. Henning, R.A., Sauter, S.L., Salvendy, G., and Krieg, E., "Effects of Micro-breaks on Performance and Well-Being in Data Entry Work," in Work with Computers: Organizational, Management, Stress and Health Aspects, (Editors: M.J. Smith and G. Salvendy), Amsterdam, Netherlands: Elsevier Science Publishers, 1989, pp. 377-380.
49. Karwowski, W., Kosiba, E., Benabdallah, S., and Salvendy, G., "Fuzzy Data and Communication in HumanComputer Interaction: For Bad or For Good?" in Designing and Using Human-Computer Interfaces and Knowledge Based Systems, (Editors: G. Salvendy and M.J. Smith), Amsterdam, Netherlands: Elsevier Science Publishers, 1989, pp. 402- 409.

50. Nakamura, N., and Salvendy, G., "Preliminary Explorations in the Development and Use of a Human Performance Model for Controlling the Critical Operations of a Flexible Manufacturing System," in *Designing and Using Human-Computer Interfaces and Knowledge Based Systems*, (Editors: G. Salvendy and M.J. Smith), Amsterdam, Netherlands: Elsevier Science Publishers, 1989, pp. 479-486.
51. Gibson, D., and Salvendy, G., "Knowledge Representation in Expert System Interfaces Based on Problem Characteristics," in *Designing and Using Human-Computer Interfaces and Knowledge Based Systems*, (Editors: G. Salvendy and M.J. Smith), Amsterdam, Netherlands: Elsevier Science Publishers, 1989, pp. 683-690.
52. Smith, M.J., and Salvendy, G., "Stress Effects," in *Automotive Engineering and Litigation*, (Editors: G.A. Peters and B.J. Peters), New York & London: Garland Law Publishing, 1989, pp. 461-488.
53. Barfield, W., and Salvendy, G., "Analysis and Design of Human- Computer Interactive Systems," in *The Job Analysis Handbook for Business, Industry, and Government*, (Editor: S. Gael), New York: John Wiley & Sons, 1988, pp. 749-765.
54. Salvendy, G., and Knight, J., "Psychomotor Performance and Information Processing," in *The Job Analysis Handbook for Business, Industry, and Government*, (Editor: S. Gael), New York: John Wiley & Sons, 1988, pp. 683-696.
55. Smith, M.J., Sharit, J., and Salvendy, G., "Occupational Stress," in *Automobile Litigation, Part II*, (Editors: J. & M. Peters), Garland Press, 1988, pp. 461-488.
56. Tabe, T., Yamamuro, S., and Salvendy, G. "Knowledge Elicitation in Scheduling FMS: Toward a Hybrid Intelligent System," in *Ergonomics of Hybrid Automated Systems I*, (Editor: W. Karwowski), Elsevier Science Publishers, Amsterdam, 1988, pp. 259-266.
57. Salvendy, G. "Ergonomics of Hybrid Intelligence," in *Ergonomics of Hybrid Automated Systems I*, (Editor: W. Karwowski), Elsevier Science Publishers, Amsterdam, 1988, pp. 251-257.
58. Garg-Janardan, C., Eberts, R., Zimolong, B., Nof, S.Y., and Salvendy, G., "Expert Systems," in *Handbook of Human Factors*, (Editor: G. Salvendy), New York: John Wiley & Sons, 1987, pp. 1130-1176.
59. Salvendy, G. "What We Know and What We Should Know About Human-Computer Interaction: Strategies for Research and Development," in *Cognitive Engineering in the Design of Human-Computer Interaction and Expert Systems*, (Editor: G. Salvendy), The Netherlands, Amsterdam, Elsevier, 1987, pp. 13-19.
60. Nakamura, N., and Salvendy, G. "Human Decision-Making in Computer- Based Scheduling with a Flexible Manufacturing System: An Experimental Study," in *Cognitive Engineering in the Design of Human-Computer Interaction and Expert Systems*, (Editor: G. Salvendy), The Netherlands, Amsterdam, Elsevier, 1987, pp. 257-264.
61. Salvendy, G., "The Contributions of Ergonomics Research to Advances in Manufacturing," in *U.S.-Japan Intelligent Manufacturing Research*, (Editors: A. Gerstenfield, C. Gans and T. Sato), The Netherlands, Amsterdam, Elsevier Science Publishers, 1987, pp. 132-147.
62. Sharit, J., Salvendy, G., and Chang, T.C., "Technical and Human Aspects of Computer Aided Manufacturing (CAM)," *Handbook of Human Factors*, (Editor: G. Salvendy), New York: John Wiley & Sons, 1987, pp. 1694-1723.
63. Barfield, W., Jr., Chang, T.C., Majchrzak, A., Eberts, R., and Salvendy, G., "Technical and Human Aspects of Computer-Aided Design (CAD)," in *Handbook of Human Factors*, (Editor: G. Salvendy), New York: John Wiley & Sons, 1987, pp. 1617-1656.
64. Garg, C., Zimolong, B., Nof, S. Y., Eberts, R., and Salvendy, G. "Technical and Human Aspects of Expert Systems," in *Handbook of Human Factors*, (Editor: G. Salvendy), New York: John Wiley & Sons, 1987, pp. 1130-1176.
65. Bullinger, H., Kornhofer, V., and Salvendy, G. "Human Aspects of Robotic Systems," in *Handbook of Human Factors*, (Editor: G. Salvendy), New York: John Wiley & Sons, 1987, pp. 1657-1693.
66. Zimolong, B., and Salvendy, G. "Human Factors in Production," in *Production Handbook*, (Editor: J. White), New York: John Wiley & Sons, 1987, pp. 2.64-2.96.

67. Karwowski, W., and Salvendy, G., "Quo Vadis Ergonomics," in Human Factors III, (Editor: W. Karwowski), Elsevier Science Publishers-North Holland, 1986, pp. 3-7.
68. Zimolong, B., and Salvendy, G., "Human Factors in Production," in Production Handbook, (Editor: J. White), New York: John Wiley & Sons, 1985, pp. 1-74.
69. Barfield, W., and Salvendy, G., "Job Analysis and Job Design for Computer-Based and New Technology Work Environments," in The Job Analysis Handbook for Business, Industry, and Government, (Editor: S. Gael), New York: John Wiley & Sons, 1985, pp. 1-65.
70. Salvendy, G., "Human Aspects in Integrated Manufacturing Systems (ICOMS)," Proceedings of the 8th International Conference on Production Research, Stuttgart, Germany, August 20-22, 1985; in Toward the Factory of the Future, (Editors: H.I. Bullinger and H.J. Warnecke), Heidelberg, Germany: Springer-Verlag, 1985, pp. LXI-LXXII.
71. Salvendy, G., "Human Factors in Planning Robotic Systems," in Handbook of Industrial Robotics, (Editor: S.Y. Nof), New York: John Wiley & Sons, 1985, pp. 639-664.
72. Salvendy, G., "Research Issues in the Ergonomics, Behavioral, Organizational and Management Aspects of Office Automation," A chapter in Human Aspects in Office Automation (Editor: B.G.F. Cohen), Amsterdam: Elsevier, 1984, pp. 115-126.
73. Eberts, R., Nof, S. Y., Zimolong, B., and Salvendy, G. "Dynamic Process control: Cognitive Requirements and Expert Systems," in Human-Computer Interaction, (Editor: G. Salvendy), Amsterdam: Elsevier Scientific Publishers, 1984, pp. 215-228.
74. Salvendy, G., and Sharit, J., "Occupational Stress," in Handbook of Industrial Engineering, (Editor: G. Salvendy), New York: John Wiley & Sons, 1982, pp. 6.6.1-6.6.15.
75. Salvendy, G., and Knight, J. L., "Psychomotor Work Capabilities," in Handbook of Industrial Engineering, (Editor: G. Salvendy), New York: John Wiley & Sons, 1982, pp. 6.1.1-6.1.15. Reprinted in The Job Analysis Handbook for Business, Industry, and Government, (Editor: S. Gael), New York: John Wiley & Sons, 1988, pp. 683-696.
76. Salvendy, G., "Classification and Characteristics of Paced Work," a chapter in Machine Pacing and Occupational Stress, (Editor: G. Salvendy and M.J. Smith), London: Taylor & Francis Ltd., 1981, pp. 5-12.
77. Salvendy, G., Smith, M., Morgan, B. B., Sen, T. K., Triggs, J. J., and Haider, M., "Current Status and Research Needs in Occupational Stress with Special Reference to Machine-Paced Work," in Machine Pacing and Occupational Stress, (Editors: G. Salvendy and M. J. Smith), London, Taylor & Francis, Ltd. 1981, pp. 361-367.
78. Salvendy, G., "An Industrial Engineering Dilemma: Simplified Versus Enlarged Jobs," in Production and Industrial Systems: Future Development and the Role of Industrial and Production Engineering, Editors: R. Muramatsu and N. A. Dudley), London: Taylor & Francis Ltd., 1978, pp. 965-975.
79. Salvendy, G., "Effects of Equitable and Inequitable Financial Compensation on Operator's Productivity, Satisfaction and Motivation," in The Production Systems: In Efficient, Integration of Resources, (Editors: R. H. Hollier and J. M. Moore), London: Taylor & Francis Ltd., 1977, pp. 501-506.
80. Salvendy, G., "Training Dental Students in Cavity Preparations," a chapter in Human Factors in Health Care, (Editors: R. M. Pickett and T.J. Triggs), London: D. C. Heath, 1975, pp. 299-316.

C. Published Journal Articles

1. Kim, K., Proctor, R. W., & Salvendy, G. (2020). Emotional factors and physical properties of ballpoint pens that affect user satisfaction: Implications for pen and stylus design. *Applied Ergonomics*, Vol. 85., 2020.
2. Stephanidis, C., Salvendy, et al (2019). Seven HCI grand challenges. *International Journal of Human-Computer Interaction*, 35 (14), 1229-1269.
3. Kim, K., Lee, S., Salvendy, G. (2019) Design alternative evaluation based on social utility and market share prediction. *International Journal of Mobile Communications (IJMC)*, 17 (3) 376-389.

4. Ji, H., Salvendy, G., (2019) Characterising mobile-enhanced cognitive abilities: implications for accounting jobs. *International Journal of Mobile Communications (IJMC)*, 17 (3) 249-270
5. Ji, H, Salvendy, G, (2019) Characterizing Mobile-Enhanced Cognitive Abilities: Implications for accounting Jobs, *International Journal of Mobile Communications*, 17 (3), 1-22.
6. Kim, K, Lee, S, Salvendy, G, (2019) Design Alternative Evaluation based on Social Utility and Market Share Prediction, *International Journal of Mobile Communications*, 17 (3), 117-131.
7. Ba, Y., Zhang, W., Salvendy, G., Cheng, A.S.K., Ventsislavova, P., (2016) Assessments of risky driving: A Go/No-Go simulator driving task to evaluate risky decision-making and associated behavioral patterns, *Applied Ergonomics*, Volume 52, January 2016, Pages 265-274
8. Kim, K., Lim, J. H., Proctor, R. W., & Salvendy, G. (2015). User Satisfaction with Tablet PC Features. *Human Factors and Ergonomics in Manufacturing & Service Industries*.
9. Ba, Y., Zhang, W., Peng, Q., Salvendy, G., & Crundall, D. (2015). Risk-taking on the road and in the mind: behavioural and neural patterns of decision making between risky and safe drivers. *Ergonomics*, 59(1) 1-12.
10. Ba, Y., Zhang, W., Reimer, B., Yang, Y., & Salvendy, G. (2015). The effect of communicational signals on drivers' subjective appraisal and visual attention during interactive driving scenarios. *Behaviour & Information Technology*, 34(11), 1107-1118.
11. Ba, Y.T., Zhang, W., Peng, Q.J., Salvendy, G., and Crundall, D. (2016). Risk-taking on Road and in Mind: Behavioral and Neural Patterns of Decision-making between Risky and Safe Drivers. *Ergonomics* 59.1: 2738
12. Ba, Y., Zhang, W., Reimer, B., Yang, Y., & Salvendy, G. (2015). The effect of communicational signals on drivers' subjective appraisal and visual attention during interactive driving scenarios. *Behaviour & Information Technology*, 34(11), 1107-1118.
13. Wang, P., Rau, P. L. P., & Salvendy, G. (2015). Effect of information sharing and communication on driver's risk taking. *Safety Science*, 77, 123-132.
14. Li, H., Rau, P.L. P., & Salvendy, G. (2014). The Effect of Mixed American-Chinese Group Composition on Computer-Mediated Group Decision Making. *Human Factors and Ergonomics in Manufacturing & Service Industries*, 24(4), pp. 428-443.
15. Li, H., Rau, P.L. P., Salvendy, G., Chen, C., Huebner D., & Frey, D. (2014). Effects of communication styles on acceptance of recommendations in intercultural collaboration. *Journal of International Business and Cultural Studies*, (<http://www.aabri.com/manuscripts/141874.pdf>)
16. Zhou, J., Rau, P.L. P., and Salvendy, G. (2014). Age-related difference in the use of mobile phones. *Universal Access in the Information Society*, 13(4), pp. 401-403.
17. Zhou, J., Rau, P.L. P., and Salvendy, G. (2014). Older adults' text entry on smart phones and tablets: Investigating effects of display size and input method on acceptance and performance. *International Journal of Human-Computer Interaction*, 30(9), pp. 727-739.
18. Zhou, J., Rau, P.L. P., Salvendy, G. (2014). Older Adults' use of smart phones: An investigation of the factors influencing the acceptance of new functions. *Behaviour & Information Technology*. 33(6), pp. 552-560.
19. Duan, J.Y., Li, Z.Z., Salvendy, G. (2013) Risk illusions in car following: Is a smaller headway always perceived as more dangerous? *Safety Science*, 53(1):25-33.
20. Jun, E., Landry, S., and Salvendy, G. (2013). Exploring the cognitive costs and benefits of using multiperview visualizations. *Behaviour & Information Technology*, 32(8)824-835.
21. Jeong, K., Proctor, R.W. and Salvendy, G. (2013), Smart-Home Interface Design: Layout, Organization and Adapted to Americans and Koreans' cognitive Style, *Human Factors and Ergonomics in Manufacturing and service industries*, 23(4), 322-335.
22. Wang, L., Rau, P.L. P., and Salvendy, G. (2013). Design guidelines of information technology products for Chinese older adults. *Chinese Journal of Ergonomics*, 19(3). pp.82-85. (in Chinese)

23. Hu, B., Zhang, W., and Salvendy, G. (2012). Impact of Multimodal Feedback on Simulated Ergonomic Measurements in a Virtual Environment: A Case Study with Manufacturing Workers. *Human Factors and Ergonomics in Manufacturing and Service Industries*, 22 (2): 145-155.
24. Duan, J., Li, Z., Salvendy, G., (2012) Automatic imitation of risky behavior: A study of simulated driving in China. *Traffic injury prevention*, 13(5):442-449.
25. Liang, S.F.M., Rau, P.L.P., Zhou, J., and Huang, E. (2012). A qualitative design approach for exploring the use of medication and health care devices among design approach for exploring the use of medication and health care devices among elderly persons. *Human Factors and Ergonomics in Manufacturing & Service Industries*. Doi:10.1002/hfm.20337.
26. Wang P, Rau P.L.P., and Salvendy, G. (2012). Bicycle Riders' Regulation Violation and Safety Strategy. *Industrial Engineering*, 15(3), 136-141. (in Chinese)
27. Zhang, T., Rau, P.L. P., Salvendy, G., and Zhou, J. (2012). Comparing low- and high-fidelity prototypes in mobile phone evaluation. *International Journal of Technology Diffusion*, 3(4), 1-19
28. Zhou, J., Rau, P.L.P., and Salvendy, G. (2012). Use and design of mobile devices for older people-a review and appraisal, *International Journal of Human-Computer Interaction*, 28(12), pp. 799-826.
29. Hu, B., Ma, L., Zhang, W., Salvendy, G., Chablat, D., and Bennis, F. (2011). Predicting Real-world Ergonomic Measurements by Simulation in a Virtual Environment. *International Journal of Industrial Ergonomics*, 41 (1): 64-71.
30. Huang, D.-L., Rau, P.-LP., & Salvendy G. (2011). Factors Affecting Perception of Information Security and Their Impacts on IT Adoption and Security Practices. *International Journal of Human-Computer Studies*, 69, 870-C883.
31. Jun, E., Landry, S., and Salvendy, G. (2011). A visual information processing model to characterize interactive visualization environments. *International Journal of Human-Computer Interaction*, 27(4), 348363.
32. Kim, K., Jacko, J. A., & Salvendy, G. (2011) Menu Design for Computers and Cell Phones: Review and Reappraisal. *International Journal of Human-Computer Interaction*, 27(4), pp 383-404.
33. Kim, K., Proctor, R. W., & Salvendy, G. (2011) Comparison of 3D and 2D Menus for Cell Phones, *Computers in Human Behavior*, 27(5), pp 2056–2066.
34. Wang, L., Rau, P.L. P., & Salvendy, G. (2011). A cross-culture study on older adults' information technology acceptance. *International Journal of Mobile Communications*, 5(9), 421-440.
35. Wang, L., Rau, P.L. P., and Salvendy, G. (2011). Older adults' acceptance of information technology, *Educational Gerontology*, 37(12), pp. 1081-1099.
36. Wang, P., Rau, P.L. P., & Salvendy, G. (2011). Chinese drivers' risky driving and risk taking in other life situations. *International Journal of Occupational Safety and Ergonomics*, 17 (2), 155-164.
37. Zeng, L., Proctor, R. W., & Salvendy, G. (2011). Fostering creativity in product/service development: Validation in the domain of information technology. *Human Factors*, 53(3), 245-270.
38. Zeng, L., Proctor, R.W., & Salvendy, G. (2011). Can traditional divergent thinking tests be trusted in measuring and predicting real-world creativity? *Creativity Research Journal*, 23(1), 24-37.
39. Zhou, J., Rau, P.L. P., Salvendy, G., and Xie, A. (2011). Evolution of Discussion and Discovery in Chinese Engineering Classrooms: A Pilot Study, *International Journal of Creativity and Problem Solving*, 21(2), 8190.
40. Gao, Q., Rau, P.L.P., Salvendy, G. (2010) "Measuring perceived interactivity of mobile advertisements." *Behaviour and Information Technology*, 29(1), 35-44.
41. Guo, Y., Proctor, R., and Salvendy, G. (2010), *Computers in Human Behavior*, Vol. 26, 1685-1693.
42. Huang D-L, Rau P-LP, & Salvendy G. (2010) Perception of information security. *Behaviour & Information Technology*, 29(3), 221-232.
43. Hwang, W. and Salvendy, G (2010). Number of People Required for Usability Evaluation Based on 27 Studies: The 10±Rule. *Communications of the ACM*. 53(5), 130-133.

44. Jeong, Kyeong-Ah, Proctor, R.W, Salvendy, G (2010) "Smart home design and operation preferences of American and Koreans." *Ergonomics*, 53(5), 636-660.
45. Lee, M., Hahn, J., and Salvendy, G. (2010) "Developing and Validating a methodology for Discount Usability Evaluation of Collaborative Technologies." *Theoretical Issues in Ergonomics Science*, 11(3), 174-196.
46. Qin, H., Rau, P.L.P, Salvendy, G. (2010) "Effects of different scenarios of game difficulties on player immersion." *Interacting with Computers*, (22)3, 230-239.
47. Wang P, Rau P-LP, & Salvendy G. (2010) *Road Safety Research in China: Review and Appraisal*. *Traffic Injury Prevention*, 11(4), 425-432.
48. Wang, L., Rau, P.L. P., and Salvendy, G. (2010). A study on older adults' information technology acceptance. *Industrial Engineering Journal*, 13(5), 85-88. (In Chinese).
49. Wang, P., Rau, P.L.P., and Salvendy, G. (2010). *Road Safety Research in China: Review and Appraisal*, *Traffic Injury Prevention*, 11(4), 425-432.
50. Wang, Y.B., Zhang, W., Salvendy, G. (2010) "Effects of a simulation-based training intervention on novice drivers' hazard handling performance." *Traffic Injury Prevention*, 11(1), 16-24.
51. Y.B. Wang, W. Zhang, G. Salvendy (2010). A Comparative Study of Two Hazard Handling Training Methods for Novice Drivers. *Traffic Injury Prevention*, 11(5): 483-491.
52. Y.B. Wang, W. Zhang, G. Salvendy (2010). Effects of a Simulation-based Training Intervention on Novice Drivers' Hazard Handling Performance. *Traffic Injury Prevention*, 11 (1): 16-24.
53. Zeng, L., Proctor, R. W., & Salvendy, G. (2010). Creativity in ergonomic design: A supplemental valueadding source for product and service development. *Human Factors*, 52(4), 503-525.
54. Zeng, L., Proctor, R.W., and Salvendy, G. (2010). User-Based Assessment of Website Creativity: A Review and Appraisal. *Behavior & Information Technology*, 31(4), 383-400.
55. Zhang T., Rau P.L.P., & Salvendy G. (2010). Exploring critical usability factors for handsets, *Behaviour and Information Technology*, 29(1), pp. 45-55.
56. Hwang, W., and Salvendy, G.(2009) "Integration of Usability Evaluation Studies Via a Novel Meta-Analytic Approach": What are significantly attributes for effective evaluation, *International Journal of Human – Computer Integration*, 25, 282-306.
57. Bin, Z., and P.L.P., Rau and Salvendy, G. (2009) "Design and Evaluation of Smart Home User Interface: Effects of Age, tasks and intelligence level," *Behavioral and Information Technology*, 28(3), 239-249.
58. Gao, Q., Rau, P. L. P., and Salvendy, G. (2009) Perception of Interactivity: Affects of Four Key Variables in Mobile Advertising. *International Journal of Human-Computer Interaction*, 25(6), 479-505.
59. Gao, Q., Rau, P.L. P., and Salvendy, G. (2009) "Measuring Perceived Interactivity in Mobile Advertisement." *Behavior and Information Technology*, 29(1), 35-44.
60. Guo, Y. and Salvendy, G. (2009) "Factor Structure of Content Preparation for E-Business Website: Results of a Survey of 428 Industrial Employees in the People's Republic of China." *Behavioral and Information Technology*, 28(1), 73-86.
61. Guo, Y., Savoy, A., Byrd, K., and Salvendy, G. (2009) "Development and Validation of An Instrument to Evaluate the Content Effectiveness of Video Games: A Pilot Study." *Theoretical Issues in Ergonomics Science*, 10(2), 107-133.
62. Horn, D., Salvendy, G. (2009) "Measuring Consumer Perception of Product Creativity: Impact on Satisfaction and Purchasability." *Human Factors and Ergonomics in Manufacturing*, 19(3), 223-240.
63. Liao, H., Proctor, R.W., and Salvendy, G. (2009) "Chinese and US Online Consumers' Preferences for Content of E-Commerce Website: A Survey." *Theoretical Issues in Ergonomics Science*, 10(1), 19-42.
64. Liao, H.F., Proctor, R.W., Salvendy, G. (2009) "Content Preparation for E-Commerce Involving Chinese and U.S. Online Consumers." *International Journal of Human-Computer Interaction*, 25(8), 729-761.

65. Ling, C., & Salvendy, G. (2009). Effects of evaluator's cognitive style on heuristic evaluation result: field dependent and field independent evaluators. *International Journal of Human Computer Studies*, 67(4), 382393.
66. Liu, Y., and Salvendy, G. (2009), Effects of Measurement Errors on Psychometric measurements in Ergonomic studies: Implications for correlations, ANOVA, Linear Regression, Factor analysis and linear discriminant analysis, *Ergonomics*, 52, (5), 499-511.
67. Niu, J., Li, Z., Salvendy, G. (2009) Multi-resolution Description of Three-dimensional Anthropometric Data for Design Simplification. *Applied Ergonomics*, 40(4):807-810.
68. Niu, J., Li, Z., Salvendy, G. (2009) Multi-resolution shape description and clustering of three-dimensional head data. *Ergonomics*, 251-269.
69. Niu, J.W., Li, Z.Z., Salvendy, G. (2009) "Resolution influence on 3D anthropometric data clustering for fitting design." *Industrial Health*, 47(5), 578-585.
70. Qin, H., Rau, P.L. P., and Salvendy, G. (2009) "Measuring Player Immersion in the Computer Game Narrative, *International Journal of Human-Computer Interaction*, 25(2), 107-133.
71. Qin, H., Rau, P.L.P., & Salvendy, G. (2009), Effect of Game Player Experience and Game Difficulty on Playing Results, *Industrial Engineering Journal (in Chinese)*. 12(5), 104-125.
72. Savoy, A., Guo, Y., and Salvendy, G. (2009) "Effects of Detect ability of Importance of Usability Problems on Sample Size Requirements. *Internal Journal of Human-Computer Interaction*, 25(5), 430-440.
73. Savoy, A., Proctor, R. W., & Salvendy, G. (2009). Information retention from PowerPoint™ and traditional lectures. *Computers and Education*, 52, 858-867.
74. Wang, Y.B., Zhang, W., Salvendy, G. (2009) "A Comparative Study of Two Hazard Handling Training Methods for Novice Drivers." *Traffic Injury Prevention*, 11(5):483-491.
75. Xu, S., Li, Z., Salvendy, G., (2009) Identification of Anthropometric Measurements for Individualization of Head-Related Transfer Functions. *Acta Acustica united with Acustica*, 95(1): 168-177.
76. Xu, S., Li, Z., Song, F., Luo, W., Zhao, Q., Salvendy. G., (2009) Influence of step complexity and presentation style on step performance of computerized emergency operating procedures. *Reliability Engineering & System Safety*, 94(2): 670-674.
77. Zeng, L., Proctor, R.W., & Salvendy, G. (2009). Fostering creativity in service development: Facilitating service innovation by the creative cognition approach. *Service Science*, 1(3), 142-153.
78. Zeng, L., Salvendy, G., & Zhang, M. (2009). Factor structure of web site creativity. *Computers in Human Behavior*, 25(2), 568-577.
79. Zhang, B., Rau, P.L. P., and Salvendy, G. (2009) "Design and Evaluation of Smart Home User Interface: Effects of Age, Tasks and Intelligence Level." *Behavior and Information Technology*, 28(3), 239-249.
80. Zhang, T., Rau, P.L.P., & Salvendy, G. (2009), Methodology for Evaluating Product Design at the Early Stage of Life Cycle, *Science & Technology Review (in Chinese)*. 27(14), pp.77-81.
81. Zhao, Z.X., Rau, P.-L. P., Zhang, T., & Salvendy, G. (2009). Visual search based design and evaluation of screen magnifiers for older and visually impaired users. *International Journal of Human-Computer Studies*, 67(8), 663-675.
82. Huang, D.-L., Rau, P.-LP., Salvendy G. (2008). The Effects of Information Security Factors on User Behavior in Online Shopping. *Chinese Journal of Ergonomics (in Chinese)* 14(1), pp.22-24
83. Jeong, K., Jang, S., Chao, J., Cho, G., and Salvendy, G. (2008) "Use of Decision Support for Clothing Products on the Web Results in No Difference in Perception of Tactile Sensation Then Actually Touching the Material." *International Journal of Human -Computer Interaction*, 24(8), 794-808.
84. Liao, H., Proctor, R., & Salvendy, G. (2008) "Content preparation for cross-cultural e-commerce: a review and a model." *Behaviour & Information Technology*, 27(1), 43-61.
85. Oldenburger, K, Lehto, X., Feinberg, R., Lehto, M., and Salvendy, G. (2008) "Critical purchasing incidents in e-business." *Behaviour & Information Technology*, 27(1), 63-77.

86. Papantonopoulos, S., and Salvendy, G. (2008) "Analytic Cognitive Task Allocation: a decision model for cognitive task allocation." *Theoretical Issues in Ergonomics Science*, 9(2), 155-185.
87. Park, T., Shenoy, R., and Salvendy, G. (2008) "Effective Advertising on Mobile Phones: A Literature Review and Presentation of Results from 53 Case Studies." *Behaviour and Information Technology*, 27(5), 355-373.
88. Savoy, A., and Salvendy, G. (2008) "Foundations of Content Preparation for the Web." *Theoretical Issues in Ergonomics Science*, 9(5), 501-521.
89. Xu, S., Li, Z., Salvendy, G., (2008) An improved method to individualize Head-Related Transfer Function using anthropometric measurements. *Acoustics Science and Technology*, 29(6): 388-390.
90. Xu, S., Li, Z., Salvendy, G., (2008) Individualized head-related transfer functions based on population grouping. *Journal of Acoustical Society of America*, 124(5): 2708-2710.
91. Xu, S., Song, F., Li, Z., Zhao, Q., Luo, W., He, X., and Salvendy, G. (2008) "An Ergonomics Study of Computerized Emergency Operating Procedures: Presentation Style, Task Complexity, and Training Level." *Reliability Engineering & System Safety*, 93(10): 1500-1511.
92. Ling, C. & Salvendy, G. (2007) "Optimizing heuristic evaluation process in E-Commerce: use of the Taguchi Method." *International Journal of Human Computer Interaction*, 22(3), 271-287.
93. Ling, C., Hwang, W. and Salvendy, G. (2007) "A Survey of What Customers Want in a Cell Phone Design." *Behaviour & Information Technology*, 26(2), 149-163.
94. Liu, Y. & Salvendy, G. (2007) "Visualization Support to Better Understand and Improve Decision Tree Mining Process: A Survey and Appraisal," *Theoretical Issues in Ergonomics Science*, 8(1), 63-92.
95. Ozok, A. A., Oldenburger, K. and Salvendy, G. (2007) "Impact of Consistency in Customer Relationship Management on E-Commerce Shopper Preferences." *Journal of Organizational Computing and Ecommerce*, 17(4), 283-309.
96. Zhang, B., Rau, P.L.P, Salvendy, G. (2007) "Research on smart home user interface: Effects of smartness level and task cognitive mode", *Industrial Engineering and management (in Chinese)*, 11(2), 52-55.
97. Zhang, B., Rau, P.L.P., Salvendy, G. (2007) "Cognitive aging effects on human-smart home interaction." *Shenzhen University Journal (in Chinese)*, 24(2), 127-132.
98. Zhao, Z., Rau, P.L.P. Salvendy, G. (2007) "Evaluation of User Performance under Different working modes of a Screen magnifier", *Industrial Engineering and Management (in Chinese)*, 11(2), 47-50.
99. Horn, D. & Salvendy, G. (2006). "Consumer-based assessment of product creativity: A review and reappraisal." *Human Factors and Ergonomics in Manufacturing*, 16(2), 155-176.
100. Horn, D., & Salvendy, G. (2006) "Product Creativity: Conceptual Model, Measurement, and Characteristics," *Theoretical Issues in Ergonomics Science*, 7(4), 395-412.
101. Hwang, W., Jung, H. and Salvendy, G. (2006) "Internationalization of E-commerce: A Comparison of Online Shopping Preferences among Korean, Turkish and US Populations." *Behaviour & Information Technology*, 25(1), 3-18.
102. Ling, C., Hwang, W., & Salvendy, G. (2006) "Diversified Users' Satisfaction with Advanced Cell Phone Features." *Universal Access in the Information Society*, 5(2), 239-249.
103. Liu, Y. and Salvendy, G. (2006). "Design and Evaluation of Interactive Visual Decision Tree Classification." *International Journal of Human-Computer Studies*, 65(2), 95-110.
104. Liu, Y. and Salvendy, G. (2006). "Design and Evaluation of Visualization Support to Facilitate Association Rules Modeling", *International Journal of Human-Computer Interaction*, 21(1), 15-38.
105. Wei, J. and Salvendy, G. (2006), "Development of a Human Information Processing Model for Cognitive Task Analysis and Design." *Theoretical Issues in Ergonomic Science*. Vol. 7, No. 4. 345-370.
106. Horn, D., R. Feinberg, and G. Salvendy (2005). "Determinant elements of customer relationship management in e-business." *Behavior & Information Technology*, 24(2), p. 101-109.

107. Hwang, W. and Salvendy, G. (2005) Effects of an Ontology Display with History Representation on Organizational Memory Information Systems. *Ergonomics*, 48(7), 838-858.
108. Ling, C., & Salvendy G., (2005) "Improving the Heuristic Evaluation Method: A Review and Reappraisal," *Ergonomia*, 27(3) 179-198.
109. Liu, Y. & Salvendy, G., (2005) "Visualization Support to Facilitate Association Rules Modeling: A Survey," *Ergonomia*, 27(1), p. 11-23.
110. Liu, Y. and Salvendy, G. (2005). "Visualization Support to Facilitate Association Rules Mining Process: A Survey." *Ergonomia.-An International Journal of Ergonomics and Human Factors*, 27(1), pp. 11-23.
111. Wei, J., & Salvendy, G., (2005) "A Reusable Human Information Processing Model for Cognitive Task Analysis and Design," *Theoretical Issues in Ergonomic Science*, 7(4) 345-370.
112. Yenisey, M.M., Ozok, A. A., & Salvendy, G., (2005) "Perceived Security Factors in E-Commerce among Turkish University Students," *Behaviour and Information Technology*, 24(4) p. 259-274.
113. Ji, Y. G. and G. Salvendy (2004). "Which access interface method results in highest satisfaction and usefulness for intranet portal organizational memory information system?" *Ergonomics*, 47 (15) pp. 1585-1597.
114. Ozok, A. A. and G. Salvendy (2004). "Twenty guidelines for the design of web based interfaces with consistent language." *Computers in Human Behavior*, 20(2), p. 149-161
115. Rau, P., Y.-Y. Choong, and G. Salvendy (2004). "Effectiveness of icons and textural design in human computer interfaces: a cross cultural study of Chinese in mainland china and Taiwan and Caucasians population." *Asian Journal of Ergonomics*, 34, pp. 117-129.
116. Salvendy, G. (2004). "Classification of human motions," *Theoretical Issues in Ergonomics Science*, 5(2) pp. 169-178.
117. Wei, J. and G. Salvendy (2004). "The cognitive task analysis methods from job and task design: review and reappraisal." *Behavior & Information Technology* 23(4), p. 273-299.
118. Yu, R. F., Chan, A. H. S., & Salvendy, G. (2004). Chinese perceptions of implied hazard for signal words and surround shapes. *Human Factors and Ergonomics in Manufacturing*, 14(1), 69-80.
119. Fang, X. and G. Salvendy (2003). "Customer-centered rules for design of e-commerce web site." *Communications in ACM* 46(12ve): 332-336.
120. Ma, L. and G. Salvendy (2003). "Graphical web directory for web search." *Behavior & Information Technology* 22(2): 71-77.
121. Ozok, A. and G. Salvendy (2003). "The effect of language inconsistency on performance and satisfaction in using the web: results from three experiments." *Behavior & Information Technology* 22(3): 155-163.
122. Proctor, R. W., K.-P. Vu, et al. (2003). "Content preparation and management for e-commerce web sites." *Communications in ACM* 46(12ve): 289-299.
123. Song, G. and G. Salvendy (2003). "A framework for reuse of user experience in web browsing." *Behavior & Information Technology* 22(2): 79-90.
124. Song, G. and G. Salvendy (2003). "Effectiveness of automatic and expert generated narrative and guided instructions for task-oriented web browsing." *International Journal of Human-Computer Interaction* 59(6): 777-795.
125. Wang, E., B. S. Caldwell, and Salvendy, G., (2003). "Usability comparison: similarity and differences between e-commerce and world wide web." *Journal of the Chinese Institute of Industrial Engineers* 23(3): 258-266.
126. Wei, J. and G. Salvendy (2003). "The utilization of the Purdue cognitive job analysis methodology." *Human Factors and Ergonomics in Manufacturing* 13(1): 59-84.
127. Xie, Y. and G. Salvendy (2003). "Agent-based features for CAD browsers to foster engineering collaboration over the internet." *International Journal of Production Research* 41(16): 3809-3829.

128. Xie, Y. and G. Salvendy (2003). "Awareness support for asynchronous engineering collaboration." *Human Factors and Ergonomics in Manufacturing* 13(2): 97-113.
129. Fu, L. and G. Salvendy (2002). "Effectiveness of user-testing and heuristic evaluation as a function of performance classification." *Behavior & Information Technology* 21(2): 137-143.
130. Fu, L. and G. Salvendy (2002). "The contribution of apparent and inherent usability to a user's satisfaction in a searching and browsing task on the web." *Ergonomics* 45(6): 415-424.
131. Jacko, J. A., G. Salvendy, et al. (2002). "Intranets and organizational learning: a research and development agenda." *International Journal of Human-Computer Interaction* 14(1): 93-130.
132. Ji, Y. G. and G. Salvendy (2002). "A metadata filter for Intranet portal organizational memory information system." *International Journal of Human-Computer Interaction* 56(5): 525-537.
133. Ji, Y. G. and G. Salvendy (2002). "Development and validation of user-adaptive navigation and information retrieval tools for an intranet portal organizational memory information system." *Behavior & Information Technology* 21(2): 145-154.
134. Lightner, N., M. Yenisey, A. Ozok, and G. Salvendy (2002). "Shopping behavior and preferences in ecommerce of Turkish and American university students: implications from cross-cultural design." *Behavior & Information Technology* 21(6): 373-385.
135. Liu, B., G. Francis, and G. Salvendy (2002). "Applying models of visual search to menu design." *International Journal of Human-Computer Interaction* 56: 307-330.
136. Patel, U. H., G. Salvendy, T. Kuczek, and L. Geddes (2002). "An electrical-circuit model for predicting mental workload in computer-based tasks." *Journal of the Chinese Institute of Industrial Engineers* 19(1): 115.
137. Proctor, R. W., M. C. Lien, K.P. Vu, E.E. Schultz, and G. Salvendy (2002). "Improving computer security for authentication of users: influence of proactive password restrictions." *Behavior Research Methods, Instruments, & Computers* 34(2): 163-169.
138. Rothrock, L., Koubek, R., Fuchs, F., Haas, M., & Salvendy, G. (2002). Review and reappraisal of adaptive interfaces: toward biologically inspired paradigms. *Theoretical Issues in Ergonomics Science*, 3(1), 47-84.
Salvendy, G. (2002). "Use of subjective rating scores in ergonomics research and practice." *Ergonomics* 45(14): 1005-1007.
139. Fang, X. and Salvendy, G., (2001) "A personal Perspective on Behavior and Information Technology: A 20year Progress and Future Trend," *Behaviour and Information Technology*. Vol. 20, No 5, pp. 357-366.
140. Han, X. and Salvendy, G., "Warning Effect on Human Error Reduction," *International Journal of Cognitive Ergonomics*, 2001, Vol. 4, No. 2, pp. 145-162.
141. Ji, Y-G and Salvendy, G., (2001) "A framework for improving organizational learning through a user-adaptive internet portal organizational memory information system," *International Journal of Aviation Psychology*, 11(2), pp.123-14.
142. McKinnis, D., McNamara, K., Kuczek, T., and Salvendy, G., "The instructional benefits from faculty participation I industrial outreach," *Journal of Engineering*, 2001, pp. 429-435.
143. Ozok, A. and Salvendy, G., (2001) "How Consistent Is Your Web Design," *Behaviour and Information Technology*, Vol. 20, No 6, pp. 433-447.
144. Rau, P. L. and Salvendy, G.: *Ergonomics Guidelines for Designing Electronic Mail Addresses*, *Ergonomics*, 2001, 44(4), pp. 402-424.
145. Rau, P. L. and Salvendy, G.: *Ergonomics of Electronic Mail Address Systems: Related Literature Review and Survey of Users*, *Ergonomics*, 2001, 44(4), pp. 382-401.
146. Schultz, E. E., Proctor, R. W., Lien, M.-C., & Salvendy, G. (2001). Usability and security: An appraisal of usability issues in information security methods. *Computers & Security*, 20, 620-634.
147. Wei, J. and Salvendy, G., "Development and Validation of the Purdue Cognitive Job Analysis Methodology," *International Journal of Cognitive Ergonomics*, 2001, Vol. 4, No. 4, pp. 277-296.

148. Xie, B., Salvendy, G., "Review and Reappraisal of Task Guidance: Aiding Workers in Procedure Following," *International Journal of Cognitive Ergonomics*, 2001, Vol. 4, No. 3, pp. 191-212.
149. Zhang, H., and Salvendy, G., "The Implications of Visualization Ability and Human-Computer Design for Web Information Search Tasks," *International Journal of Human-Computer Interaction*, 200113(1), pp. 75-79.
150. Fang, X and Salvendy, G., " Keyword Comparison: A User-Centered Feature for Improving Web Search Tools," *International Journal of Human-Computer Studies*, 2000, Vol. 52, pp. 915-930.
151. Ozok, A., Salvendy, G., "Measuring Consistency of Home Page Design and its Effects of Performance and Satisfaction," *Ergonomics*, 2000, Vol. 43 No., 3, pp. 443-460.
152. Patel, U., Geddes, L, Salvendy, G., Kuczek, T., "An Electrical-Circuit Model for Predicting Mental Workload in Computer-Based Tasks," *Journal of the Chinese Institute of Industrial Engineers*, 4/2000, pp. 49-56.
153. Proctor, R. W., Lien, M.-C., Salvendy, G., & Schultz, E. E. (2000). A task analysis of usability in third-party authentication. *Information Security Bulletin*, April, 49-56.
154. Xie, B., Salvendy, G., "Review and Reappraisal of Modeling and Predicting Mental Workload in Single and Multi-task Environments," *Work and Stress*, 2000, Vol. 3, No. 1, pp. 74-99.
155. Choong, Y-Y., Salvendy, G., "Implications for Design of Computer Interfaces for Chinese Users in Mainland China," *International Journal of Human-Computer Interaction*, 1999, Vol. 11, No. 1, pp. 29-46.
156. Cook, J., Salvendy, G., "Job Enrichment and Mental Workload in Computer-Based Work: Implications for Adaptive Job Design," *International Journal of Industrial Ergonomics*, 1999, Vol. 24, pp. 13-23.
157. Dong, J., Salvendy, G., "Designing Menus for Chinese Population, Horizontal or Vertical?" *Behaviour and Information Technology*, 1999, Vol. 6, pp 467-471.
158. Duffy, V. and Salvendy, G., "Concurrent engineering and virtual reality for human resource planning," *Computers in Industry*, 1999, Vol. 42, pp. 109-125.
159. Duffy, V., Salvendy, G., "The Impact of Organizational Ergonomics on Work Effectiveness: With Special Reference to Concurrent in Manufacturing Industries," *Ergonomics*, 1999, 42 (4) 614-637.
160. Duffy, V.G., Salvendy, G., "Problem Solving in Concurrent Engineering: Differences in the Knowledge Requirements for an Interdisciplinary Team," *International Journal of Cognitive Ergonomics*, 1999, Vol. 3, No. 1, pp. 23-35.
161. Duffy, V.G., Salvendy, G., "Relating Company Performance to Staff Perceptions: The Impact of Concurrent Engineering on Time for Market," *International Journal of Production Research*, 1999, 37(4), pp. 832-834.
162. Fang, X and Salvendy, G., "Templates for Search Queries: A User-Centered Feature for Improving Web Search Tools," *International Journal of Human-Computer Interaction*, 1999, Vol. 11, No. 4, pp. 301-315.
163. Geddes, L., Salvendy, G. "Evaluation of Product Failure Rates of Litigation," *Biomedical Instrumentation & Technology*, 1999, Vol. 33, pp. 417-422.
164. Koubek, R., Salvendy, G., Tang, E., Bannon, N., "Development of a Conceptual Model for Predicting Skills Needed in the Operation of New Technologies," *International Journal of Cognitive Ergonomics*, Vol. 3, pp. 333-350, 1999.
165. Lin, H., Salvendy, G., "Instruction Effect on Human Error Reduction," *International Journal of Cognitive Ergonomics*, 1999, 3(2), pp. 115-129.
166. Liu, B., Salvendy, G., Kuczek, T., "The Role of Visualization in Understanding Abstract Concepts," *International Journal of Cognitive Ergonomics*, 1999, Vol. 3, No. 4, pp 289-305.
167. Stephanidis, C., Salvendy, G., "Toward an Information Society for All: An International Research and Development Recommendations," *International Journal of Human-Computer Interaction*, 1999, Vol. 11, No. 1, pp. 1-28.
168. Tang, K.-H., Koubek, R., Lightner, Salvendy, G., "Development and Validation of an Operational Model for Cognitive Skills Acquisition," *International Journal of Industrial Ergonomics*, 1999, Vol. 24, pp. 25-38.

169. Wu, N., Salvendy, G., "An Efficient Heuristic for the Design of Cellular Manufacturing Systems in GT Technology with Multiple Identical Machines," *International Journal of Production Research*, 1999, 37(15), 3519-3540.
170. Choong, Y-Y, Salvendy, G., "Design of Icons for use by Chinese in Mainland China," *Interacting with Computers* 1998, Vol. 9, No. 4, pp. 417-430.
171. Duffy, V.G., Salvendy, G., "Concurrent Engineering Diagnostic Model Integrating People, Organization and Technology," *International Journal of Computer Integrated Manufacturing*, 1998, Vol. 11, No. 5, pp. 461-474.
172. Hamamoto, S., Yih, Y., Salvendy, G., "Development and validation of genetic algorithm-based facility layout - a case study in the pharmaceutical industry," *International Journal of Production Research*, 1998, pp. 749768.
173. Marmaras, N., Vassilakopoulou, P., Salvendy, G., "Developing a Cognitive Aid for CNC Lathe Programming Through a Problem-Driven Approach," *International Journal of Cognitive Ergonomics*, 1998, Vol. 1, No., 3, pp. 267-289.
174. Matias, A., Salvendy, G., "Carpal Tunnel Syndrome Causation among VDT Operators," *Occupational Ergonomics*, 1998, Vol. 1, No. 1, pp. 55-66.
175. Matias, A., Salvendy, G., Kuczek, T., "Predictive Models of Carpal Tunnel Syndrome Causation among VDT Operators," *Ergonomics*, 1998, Vol. 41, No. 2, pp. 213-226.
176. Salvendy, G., "A Response to John Dowell and John Long, 'Conception of the Cognitive Engineering Design Problem'," *Ergonomics*, 1998, Vol. 41, No. 2, pp. 140-142.
177. Stanney, K., Salvendy, G., "Aftereffects and Sense of Presence in Virtual Environments: Formulation of a Research and Development Agenda," *International Journal of Human-Computer Interaction*, 1998, Vol. 10, No. 2, pp. 135-187.
178. Chen, B., Wang, H., Proctor, R., Salvendy, G., "A Human-Centered Approach for Improving World Wide Web Browsers," *Behavior Research Methods, Instruments and Computers*, 1997, Vol. 29, No. 2, pp. 172179.
179. Duffy, V.G., Salvendy, G., "Prediction of Effectiveness of Concurrent Engineering in Electronics Manufacturing in the USA," *International Journal of Human Factors in Manufacturing*, 1997, Vol. 7, No. 4, pp. 1-24.
180. Lin, X., Choong, Y-Y, Salvendy, G., "A Proposed Index of Usability: A Method for Comparing the Relative Usabilities of Different Software Systems," *Behavior & Information Technology*, 1997, Vol. 16, No. 4/5, pp. 267-278.
181. Maki, N., Tabe, T., Salvendy, G., "Design and Utilization of Fuzzy Knowledge-based System for Design Feature Recognition of Freehand Illustrations in the Japanese Apparel Industry," *International Journal of Production Research*, 1997, Vol. 35, No. 1, pp. 17-27.
182. Salvendy, G., "Designing for Physical, Cognitive, and Social Attributes in HCI," *CSERIAC Gateway*, 1997, Vol. 8, No. 2, pp. 11-12.
183. Salvendy, G., Smith, M.J., "A Preview of HCI International '97," *CSERIAC Gateway*, 1997, Vol. 7, No. 4, pp. 14-15.
184. Jacko, J.A., Salvendy, G., "Hierarchical Menu Design: Breadth, Depth, and Task Complexity," *Perceptual & Motor Skills*, 1996, No. 82, pp. 1187-1201
185. Lightner, N., Bose, I., and Salvendy, G., "What is wrong with the World Wide Web? A diagnosis of some problems and prescriptions of some remedies," *Ergonomics*, 1996, Vol. 39, No. 8, pp. 995-1004.
186. Moustakis, V., Lehto, M.R., Salvendy, G. "Survey of Expert Opinion: Which ML Method May Be Used with Which Task," *International Journal of Human-Computer Interaction*, 1996 Vol. 8, No. 3, pp. 221-236.
187. Ukita, A., Karwowski, W., Salvendy, G., Lee, W., and Zurada, J., "Automatic Tuning of an Electronic Circuit Board using the Artificial Neural Network Approach," *Journal of Intelligent Manufacturing*, 1996, Vol. 7, pp. 329-339.

188. Ye, N., Salvendy, G., "An objective approach to exploring skill differences in strategies of computer program comprehension," Behavioral and Information Technology, 1996, Vol. 15, No. 3, pp. 139-147.
189. Zhao, B., Salvendy, G., "Psychology of Computer Use: Compatibility of Task Presentation & Task Structure of Human-Computing," Perception & Motor Skills, 1996, No. 83, pp. 163-175.
190. Chao, C.-J., and Salvendy, G., "Impact of Cognitive Abilities of Experts on the Effectiveness of Elicited Knowledge," Behaviour and Information Technology, 1995, Vol. 17, No. 7, pp. 174-182.
191. Duffy, V.G., Danek, A., Salvendy, G., "A Predictive Model for the Successful Integration of Concurrent Engineering with People and Organizational Factors: Based on Data of 25 Companies," International Journal of Human Factors in Manufacturing, 1995, Vol. 5, No. 4, pp. 429-445
192. Gong, Q., and Salvendy, G., "An Approach to the Design of Skill Adaptive Interface," International Journal of Human-Computer Interaction, 1995, Vol. 7, No. 4, pp. 365-383.
193. Jacko, J.A., Salvendy, G., and Koubek, R., "Modeling of Menu Design in Computerized Work," Interacting with Computers, 1995, Vol. 7, No. 3, pp. 304-330
194. Lehto, M.R., and Salvendy, G., "Warnings: a supplement, not a substitute, for other approaches to safety," Ergonomics, 1995, Vol. 38, No. 11, pp. 2155-2163
195. Lin, Yih, Salvendy, G., "Neural-network based fault diagnosis of hydraulic forging presses in China," International Journal of Production Research, 1995, Vol. 33, No. 7, pp. 1939-1952
196. Richter, L.A., and Salvendy, G., "Effects of Personality and Task Strength on Performance in Computerized Tasks," Ergonomics, 1995, Vol. 38, No., 2, pp. 281-291.
197. Stanney, K.M., and Salvendy, G., "Information Visualization: Assisting Low Spatial Individuals with Information Access Tasks Through the Use of Visual Mediators," Ergonomics, 1995, Vol. 38, No. 6, pp. 1184-1198
198. Ye, N., and Salvendy, G., "Expert-Novice Knowledge of Computer Programming in Different Levels of Abstraction," Ergonomics, 1995, Vol. 39, No. 3, pp. 461-481.
199. Barfield, W., Salvendy, G., Sorkin, R., "Judgments of Orientation for Computer-Generated Images as a Function of Type of Rotation and Level of Figure Complexity," Studia Psychologica, 1994, Vol. 36, No. 4, pp. 283-300
200. Bi, S., and Salvendy, G., "Analytical Modeling and Experimental Study of Human Workload in Scheduling of Advanced Manufacturing Systems," International Journal of Human Factors in Manufacturing, 1994, Vol. 4, No. 2, pp. 205-234
201. Bi, S., and Salvendy, G., "A proposed methodology for the prediction of mental workload, based on engineering system parameters," Work & Stress, 1994, Vol. 8, No. 4, pp. 355-371.
202. Chao, C.-J., Salvendy, G., "Percentage of Procedural Knowledge Acquired as a Function of the Number of Experts from Whom Knowledge is Acquired for Diagnosis, Debugging, and Interpretation Tasks," International Journal of Human-Computer Interaction, 1994, Vol. 6, No. 3, pp. 221-233
203. Karwowski, W., Eberts, R.E., Salvendy, G., and Noland, S., "The Effects of Computer Interface Design on Human Postural Dynamics," Ergonomics, 1994, pp. 1569-1590.
204. Karwowski, W., Salvendy, G., et al., "Integrating People, Organization, and Technology in Advanced Manufacturing: A Position Paper Based on the Joint View of Industrial Managers, Engineers, Consultants, and Researchers," International Journal of Human Factors in Manufacturing, 1994, Vol. 4, No. 1, pp. 1-19.
205. Koubek, R.J., Salvendy, G., Noland, S., "The Use of Protocol Analysis for Determining Ability Requirements for Personnel Selection on a Computer-Based Task," Ergonomics, 1994, Vol. 37, No. 11, pp. 1787-1800
206. Stanney, K.M., and Salvendy, G., "Effects of Diversity in Cognitive Restructuring Skills in Human-Computer Performance," Ergonomics, 1994, pp. 1619-1633.
207. Ukita, A., Karwowski, W., Salvendy, G., "Aggregation of Evidence in a Fuzzy Knowledge-Based Method for Automated Tuning of Microwave Electric Circuits," Journal of Intelligent and Fuzzy Systems, 1994, Vol. 2, No. 4, pp. 299-313.

208. Ye, N., and Salvendy, G., "Quantitative and Qualitative Differences Between Experts and Novices in Chunking Computer Software Knowledge," *International Journal of Human-Computer Interaction*, 1994, Vol. 6, No. 1, pp. 105-118
209. Agou, S., Raskin, V., and Salvendy, G., "Combining Natural Language with Direct Manipulation: The Conceptual Framework for a Hybrid Human-Computer Interface," *Behavior and Information Technology*, Vol. 12, No. 1, 1993, pp. 48-53.
210. Jung, H.-S., Kume, Y., Inuiguchi, M., and Salvendy, G., "Development of a Shell for Constructing a Diagnostic Expert System Based on Designer's Knowledge," *International Journal of Production Research*, 1993, Vol. 31, No. 6, pp. 1299-1313.
211. Saito, S., Taptagaporn, S., and Salvendy, G., "Visual Comfort in Using Different VDT Screens," *International Journal of Human-Computer Interaction*, 1993, Vol. 5, No. 4, pp. 313-323.
212. Wu, N., and Salvendy, G., "A Modified Network Approach for the Design of Cellular Manufacturing Systems," *International Journal of Production Research*, 1993, Vol. 31, No. 6, pp. 1409-1421.
213. Ye, N., Zhao, B., and Salvendy, G., "Neural Networks Aided Fault Diagnosis in Supervisory Control of Advanced Manufacturing Systems," *International Journal of Advanced Manufacturing Technology*, 1993, No. 8, pp. 200-209.
214. Gibson, D.C., and Salvendy, G., "The Dimensions of Human Knowledge in Problem Solving," *Studia Psychologica*, 1992, Vol. 34 No. 4-5, pp. 297-322.
215. Dos Santos, B.L., Mookerjee, V.S., and Salvendy, G., "A Conceptual Model for Optimizing the Cost of Knowledge Acquisition," *Information Services and Use*, Vol. 11, 1991, pp. 9-21.
216. Garg, C., and Salvendy, G., "Development of a Structured Methodology for Knowledge Elicitation: Applications to Flexible Manufacturing Systems," *IIE Transactions*, Vol. 23, No. 4, 1991, pp. 355-370.
217. Koubek, R.J., and Salvendy, G., "Cognitive Performance of Super-Experts on Computer Program Modification Tasks," *Ergonomics*, Vol. 34, No. 8, 1991, pp. 1095-1112.
218. Lehto, M., and Salvendy, G., "Development of a Computer-Based Decision Aid for Selecting Accident Causation Model," *Journal of Engineering and Technology Management*, 1991, Vol. 28, No. 1, pp. 22592276.
219. Lehto, M.R., and Salvendy, G., "Models of Accident Causation and Their Applications: Review and Reappraisal," *Journal of Engineering and Technology Management*, Vol. 34, No. 8, 1991, pp. 1095-1112.
220. Lehto, M.R., Sharit, J., and Salvendy, G., "The Application of Cognitive Simulation Techniques to Work Measurement and Methods Analysis of Production Control Tasks," *International Journal of Production Research*, Vol. 29, No. 8, 1991, pp. 1565-1586.
221. Nakamura, N., Shin, F.-J., and Salvendy, G., "Development and Validation of a Human-Supervised System in Scheduling of Flexible Manufacturing Systems: A Comparative Study with Knowledge Based and Human Operated Systems," *Journal of the Chinese Institute of Industrial Engineers*, Vol. 8, No. 1, 1991, pp. 35-51.
222. Santamarina, C., and Salvendy, G., "Fuzzy Sets Based Knowledge Systems and Knowledge Systems and Knowledge Elicitation," *Behaviour and Information Today*, Vol. 10, No. 1, 1991, pp. 23-40.
223. Tanaka, T., Eberts, R.E., and Salvendy, G., "A Quantitative Analysis of Consistency for Interface Design and an Empirical Validation of the Analysis," *Human Factors*, Vol. 33, No. 6, 1991, pp. 653-676.
224. Ye, N., and Salvendy, G., "Cognitive Engineering Based Knowledge Elicitation Representation in Neural Networks," *Behaviour and Information Technology*, Vol. 10, No. 5, 1991, pp. 403-418.
225. Zimmerman, N., Eberts, C., Salvendy, G., and McCabe, G., "Effects of Respirators on Performance of Physical, Psychomotor and Cognitive Tasks," *Ergonomics*, 1991, Vol. 34, No. 3, pp. 321-334.
226. Eberts, R.E., Majchrzak, A., Payne, P., and Salvendy, G., "Integrating Social and Cognitive Factors in the Design of Human-Computer Interaction Communication," *International Journal of Human-Computer Interaction*, 1990, Vol. 2, No. 1, pp. 1-27.
227. Gibson, D.C., and Salvendy, G., "Knowledge Representation in Human Problem Solving: Implications for Expert System Design," *Behaviour and Information Technology*, 1990, Vol. 9, No. 3, pp. 191-200.

228. Karwowski, W., Kosiba, E., Benabdallah, S., and Salvendy, G., "A Framework for Development of a Fuzzy GOMS Model for Human-Computer Interaction," *International Journal of Human-Computer Interaction*, 1990, Vol. 2, No. 4, pp. 287-305.
229. Naruo, N., Lehto, M.R., and Salvendy, G., "Development of a Knowledge-Based Decision Support System for Diagnosing Malfunctions of Advanced Production Equipment," *International Journal of Production Research*, 1990, Vol. 28, No. 1, pp. 2259-2276.
230. Barfield, W., Salvendy, G., and Foley, J., "An Analog and Propositional Hybrid Model for the Perception of Computer-Generated Graphical Images," *Behaviour and Information Technology*, 1989, vol. 8, no. 4, pp. 257-272.
231. Cook, J., and Salvendy, G., "Perception of Computer Dialogue Personality: An Exploratory Study," *International Journal of Man-Machine Systems*, 1989, vol. 31, pp. 717-728.
232. Enkawa, T., and Salvendy, G., "Underlying Dimensions of Human Problem Solving and Learning: Implications for Task Design and Expert Systems," *International Journal of Man-Machine Studies*, 1989, vol. 30, pp. 235-254.
233. Gaultney, L.D., Skibniewski, M.J., and Salvendy, G., "A Systematic Approach to Industrial Technology Transfer: A Conceptual Framework and a Proposed Methodology," *Journal of Information Technology*, March 1989, pp. 7-16.
234. Henning, R.A., Sauter, S.L., Salvendy, G., and Krieg, E., "Microbreak Length, Performance, and Stress in a Data Entry Task," *Ergonomics*, 1989, vol. 32, no. 7, pp. 855-864.
235. Koubek, R.J., and Salvendy, G., "The Implementation and Evaluation of a Theory for High Level Cognitive Skill Acquisition through Expert Systems Modeling Techniques," *Ergonomics*, 1989, Vol. 32, No. 1, pp. 141-1429.
236. Koubek, R.J., Salvendy, G., Dunsmore, H., and LeBold, W., "Cognitive Issues in the Process of Software Development: Review and Reappraisal," *International Journal of Man-Machine Studies*, 1989, vol. 30, pp. 171-191.
237. Nof, S.Y., Elmaghraby, S.E., Salvendy, G., Seifert, D.J., Vamos, T., White, J.A., Bullinger, H.-J., Pritsker, A.A.B., Scheer, A.W., Teichrow, D., Whinston, A.B., and Whitehouse, G.E., "Research Needs and Challenges in Application of Computer and Information Sciences for Industrial Engineering," *IIE Transactions*, 1989, vol. 21, no. 1, pp. 50-65.
238. Salvendy, G., "Methods Engineering for Knowledge Workers," *IE News*, Winter 1989, pp. 1-2.
239. Salvendy, G., "Views on the Future of Ergonomics," *International Journal of Industrial Ergonomics*, 1989, vol. 3, pp. 275-278.
240. Tabe, T., Yamamuro, S., and Salvendy, G., "Knowledge Elicitation in Scheduling FMS: Towards a Hybrid Intelligent System," *International Journal of Industrial Ergonomics*, 1989, vol. 5, pp. 17-27.
241. Cook, J., Whittaker, A.D., Thieme, R.H., Smith, O.R., and Salvendy, G., "Human Intelligence Models and Their Implications for Expert System Structure and Research," *Behaviour and Information Technology*, 1988, vol. 7, no. 4, pp. 417-430.
242. Garg-Janardan, C., and Salvendy, G., "A Structured Knowledge Elicitation Methodology for Building Expert Systems," *International Journal of Man-Machine Studies*, 1988, vol. 29, pp. 377-406.
243. Garg-Janardan, C., and Salvendy, G., "The Contributions of Cognitive Engineering to the Design and Use of Expert Systems," *Journal of Behaviour and Information Technology*, 1988, Vol. 7, No. 3, pp. 323-342.
244. Hwang, S-L., and Salvendy, G., "Operator Performance and Subjective Response in Control of Flexible Manufacturing Systems," *Work and Stress*, 1988, Vol. 2, No. 1, pp. 27-39.
245. Jagacinski, C., LeBold, W.L., and Salvendy, G., "Gender Differences in Persistence in Computer-Related Fields," *Journal of Educational Computing Research*, 1988, Vol. 4, No. 2, pp. 185-202.
246. Nakamura, N., and Salvendy, G., "An Experimental Study of Human Decision-making in Computer-based Scheduling of Flexible Manufacturing Systems," *International Journal of Production Research*, 1988, Vol. 26, No. 4, pp. 567-583.

247. Salvendy, G., "Proposed National Center for the Study of Knowledge Workers," *IE News*, Summer 1988, pp. 1-2.
248. Sharit, J., Eberts, R., and Salvendy, G., "A Proposed Theoretical Framework for the Design of Decision Support Systems in Computer-Integrated Manufacturing Systems: A Cognitive Approach," *International Journal of Production Research*, 1988, vol. 26, no. 6, pp. 1037-1063.
249. Tabe, T., and Salvendy, G., "Toward a Hybrid Intelligent System for Scheduling and Rescheduling of FMS," *International Journal of Computer-Integrated Manufacturing*, 1988, vol. 1, no. 3, pp. 154-164.
250. Barfield, W., and Salvendy, G., "Discriminating the Structure of Rotated Three-Dimensional Figures," *Perceptual & Motor Skills*, 1987, Vol. 65, pp. 453-454.
251. Garg-Janardan, C., and Salvendy, G., "A Conceptual Framework for Knowledge Elicitation," *International Journal of Man-Machine Studies*, 1987, 26:521-531.
252. Koubek, R.J., Salvendy, G., Eberts, R.E., and Dunsmore, H., "Eliciting Knowledge for Software Development," *Journal of Behaviour and Information Technology*, 1987, 6:4:427-440. Sharit, J., and Salvendy, G., "A Real-Time Interactive Computer Model of a Flexible Manufacturing System," *IIE Transactions*, 1987, 19:2:167-177.
253. LeBold, W.K., Jagacinski, C., and Salvendy, G., "Cognitive Correlates of University Programming Performance in FORTRAN, PASCAL, and BASIC," *International Journal of Applied Engineering Education*, 1987, 3:2:111-121.
254. LeBold, W.K., Zink, W., Scott, S.E., and Salvendy, G., "Programming Perceptions and Computer Literacy of Students Enrolled in Computer-related Curricula," *IEEE Transactions on Education*, 1987, Vol. E-30, No. 4, pp. 201-211.
255. Sharit, J., Salvendy, G., "A Real-Time Interactive Computer Model of a Flexible Manufacturing System," *IIE Transactions*, 1987, 19:2:167-177.
256. Zimolong, G., Nof, S.Y., Eberts, R.E., and Salvendy, G., "On the Limits of Expert Systems and Engineering Models in Process Control," *Journal of Behavioural and Information Technology*, 1987, 6:1:15-36.
257. Eberts, R.E., and Salvendy, G., "The Contributions of Cognitive Engineering to the Safe Design and Operation of CAM and Robotics," *Journal of Occupational Accidents*, 1986, Vol. 8, pp. 49-67.
258. Garg-Janardan, C., and Salvendy, G., "The Contribution of Cognitive Engineering to the Effective Design and Use of Information Systems," *Information Services and Use*, 1986, pp. 235-252.
259. Jacob, V.S., Gaultney, L.D., and Salvendy, G., "Strategies and Biases in Human Decision Making and Their Implications for Expert Systems," *Behaviour and Information Technology*, 1986, Vol. 5, No. 2, pp. 119-140.
260. Salvendy, G., Sorensen, S., Boydston, L., Birch, S., and Ferguson, G., "Training Dental Students in Dental Amalgam Condensation," *Estomat. Cultura*, 1986, Vol. 16, No. 2, pp. 6-10.
261. Salvendy, G., "Human Aspects in Integrated Manufacturing Systems," *International Journal of Production Research*, 1986, Vol. 24, No. 4, pp. 749-762.
262. Suominen-Troyer, S., Davis, K., Ismail, A.H., and Salvendy, G., "Impact of Physical Fitness on Strategy Development in Decision Making Tasks," *Perceptual and Motor Skills*, 1986, Vol. 62, pp. 71-77.
263. Barfield, W., Chang, T. C., and Salvendy, G., "Computer-Aided Design: The Technical and the Human Aspects," *Office Ergonomics*, July-August 1985, pp. 20-22.
264. Koubek, R.J., LeBold, W., and Salvendy, G., "Predicting Performance in Computer Programming Courses," *Behavioral and Information Technology*, 1985, Vol. 4, No. 2, pp. 113-129.
265. Seppala, P., and Salvendy, G., "Impact of Depth of Menu Hierarchy on Performance Effectiveness in a Supervisory Task: Computerized Flexible Manufacturing System," *Human Factors*, 1985, Vol. 27, No. 6, pp. 712-722.
266. Globerson, S., and Salvendy, G., "A Socio-Technical Accounting Approach to the Evaluation of Job Performance," *International Journal of Operations and Production Management*, 1984, Vol. 4, No. 3, pp. 364-372.

267. Hwang, S.L., Barfield, W., Jr., Chang, T.C., and Salvendy, G., "Integration of Humans and Computers in the Operation and Control of Flexible Manufacturing Systems," *International Journal of Production Research*, 1984, Vol. 22, No. 5, pp. 841-856.
268. Salvendy, G., McCabe, G., Suominen, S., and Basila, B., "Non-Work Related Movements in Machine-Paced and Self-Paced Work: An Industrial Study," *Applied Ergonomics*, 1984, Vol. 15, No. 1, pp. 21-23.
269. Salvendy, G., "Review and Reappraisal of Human Aspects in Planning Robotic Systems," *Behaviour and Information Technology*, 1983, Vol. 2, No. 3, pp. 263-287. · Reprinted with addendums in *Handbook of Industrial Robotics*, (Editor: S. Y. Nof), New York: John Wiley & Sons, 1985, pp. 639-664.
270. Salvendy, G., and Knight, J.L., "Circulatory Responses to Machine-Paced and Self-Paced Work: An Industrial Study," *Ergonomics*, 1983, Vol. 26, No. 7, pp. 713-717.
271. Salvendy, G., Shodja, S., Sharit, J., and Etherton, J., "A Case Study of the Occupational Stress Implications of Working with Two Different Actuation/Safety Devices," *Applied Ergonomics*, 1983, Vol. 14, No. 4, pp. 291-295.
272. Kamali, J., Moodie, C. L., and Salvendy, G., "A Framework for Integrated Assembly Systems: Humans, Automation and Robots," *International Journal of Production Research*, 1982, Vol. 20, No. 4, pp. 431-448.
273. Salvendy, G., "Human-Computer Communications with Special Reference to Technological Developments, Occupation Stress and Educational Needs," *Ergonomics*, 1982, Vol. 25, No. 6, pp. 435-447.
274. Salvendy, G., "Occupational Stress: A Significant Contribution to Effective Utilization of Technology," *International Journal of Production Research*, 1982, Vol. 20, No. 3, pp. 409-416.
275. Salvendy, G., Boydston, L., Ferguson, G., Birch, S., and Cunningham, P., "Use of 20x Microscopes for Psychomotor Dental Operations," *Estomat. Cultura*, 1982, Vol. 12, pp. 4-7.
276. Salvendy, G., McCabe, G. P., Sanders, S. G., Knight, J. L., and McCormick, E. J., "Impact of Personality and Intelligence on Job Satisfaction of Assembly Line and Bench Work - An Industrial Study," *Applied Ergonomics*, 1982, Vol. 13, No. 4, pp. 293-299.
277. Sharit, J., and Salvendy, G., "External and Internal Attentional Environments: II. Reconsideration of the Relationship between Sinus Arrhythmia and Informational Load," *Ergonomics*, 1982, Vol. 25, No. 2, pp. 121-132.
278. Sharit, J., and Salvendy, G., "Occupational Stress: Review and Reappraisal," *Human Factors*, 1982, Vol. 24, No. 2, pp. 129-162.
279. Sharit, J., Salvendy, G., and Deisenroth, M. P., "External and Internal Attentional Environments: I. The Utilization of Cardiac Deceleratory and Acceleratory Response Data for Evaluating Differences in Mental Workload Between Machine-Paced and Self-Paced Work," *Ergonomics*, 1982, Vol. 25, No. 2, pp. 107-120.
280. Hannemann, R., Joost, M., and Salvendy, G., "Objective Measurement of Hyperactivity in Children," *The Journal of the Indiana State Medical Association*, 1981, Vol. 74, No. 2, pp. 86-88.
281. Knight, J. L., and Salvendy, G., "Effects of Task Feedback and Stringency of External Pacing on Mental Load and Work Performance," *Ergonomics*, 1981, Vol. 24, No. 10, pp. 757-764.
282. Globerson, S., and Salvendy, G., "Development and Use of Socio-Technical Accounting (STAS) A Method for Measuring Human Productivity," *Journal of Industrial Engineering (Chinese)*, 1980, pp. 60-74.
283. Knight, J.L., Geddes, L.A., and Salvendy, G., "Continuous, Unobtrusive, Performance and Physiological Monitoring of Industrial Workers," *Ergonomics*, 1980, Vol. 23, pp. 501-506.
284. Knight, J.L., Salvendy, G., Geddes, L.A., Jans, J., and Smith, E., "Monitoring Respiratory and Heart Rate of Assembly-Line Factory Workers," *Medical and Biological Engineering and Computing*, 1980, Vol. 18, pp. 797-798.
285. Nof, S., Knight, J., and Salvendy, G., "Effective Utilization of Industrial Robots: A Job and Skills Analysis Approach," *AIIE Transactions*, 1980, Vol. 12, No. 3, pp. 216-225. · Translated to Japanese and re-printed in *IE Review*, 1981, Vol. 22, No. 3, pp. 100-109. · Reprinted in: *Robotics and Industrial Engineering: Selected Readings*, (E.L. Fisher, Ed.), Industrial Engineering and Management Press, Norcross, Georgia, 1984.

286. Salvendy, G., "Mechanically Requested and Self-Determined Rhythm of Work-Theory and Application of Organized Working Places and Schedule of Teams," *Organizacija Rada*, 1980, Br. 3, pp. 485-491. (in SerboCroatian)
287. Salvendy, G., and Boydston, L., "A Conceptual Approach to Development and Validation of Hierarchical Acquisition in Psychomotor Performance," *Japanese Psychological Research Journal*, 1980, Vol. 22, No. 2, pp. 64-71.
288. Salvendy, G., and Pilitsis, J.V., "The Development and Validation of an Analytical Training Program for Medical Suturing," *Human Factors*, 1980, Vol. 22, pp. 153-170.
289. Joost, M.G., and Salvendy, G., "The Development and Validation of an Objective Method for Quantifying Hyperactivity in Children," *Japanese Psychological Research*, 1979, Vol. 21, No. 1, pp. 18-28.
290. Knight, J.L., Salvendy, G., and Geddes, L.A., "A Minicomputer System for Long-Term Automatic Blood Pressure Monitoring," *The Annals of Biomedical Engineering*, 1979, Vol. 7, pp. 369-374.
291. Salvendy, G., and Humphreys, A.P., "Effects of Personality, Perceptual Difficulty and Pacing of a Task on Productivity, Job Satisfaction and Physiological Stress," *Perceptual and Motor Skills*, 1979, Vol. 49, pp. 219-222.
292. Salvendy, G., Boydston, L., Ferguson, G.W., Birch, S., and Cunningham, P.R., "Use of Personality, Anthropometry and Vision Scores to Select Students for Psychomotor Dental Performance," *Nihon Dental Journal*, December 1977, Vol. 19, No. 4, pp. 174-183.
293. Salvendy, G., Boydston, L., Ferguson, G.W., Birch, S., and Cunningham, P.R., "Training Dental Students in Dental Amalgam Condensation," *Nihon Dental Journal*, December 1977, Vol. 19, No. 4, pp. 184-189. Reprinted in *Journal of Estomatologia E Cultura*, 1986, Vol. 16, No. 2, pp. 6-10.
294. Salvendy, G., Boydston, L., Ferguson, G.W., Birch, S., and Cunningham, P.R., "Use of 20x Microscopes for Psychomotor Dental Operations," *Nihon Dental Journal*, September 1977, Vol. 19, No. 3, pp. 141-146. Reprinted in the *Journal of Estomatologia E Cultura*, 1982, Vol. 12, pp. 4-7.
295. Salvendy, G., "Effects of Equitable and Inequitable Financial Compensation on Operator's Productivity, Satisfaction and Motivation," *International Journal of Production Research*, 1976, Vol. 14, No. 2, pp. 305-310.
296. Salvendy, G., "Some Variables Which Affect Mail Survey Response Rate," *Studia Psychologica*, 1976, Vol. 18, pp. 250-252.
297. Salvendy, G., "Techniques in Measurement," *Contemporary Psychology*, 1976, Vol. 21, No. 5, pp. 355-356.
298. Salvendy, G., and McCabe, C.P., "Auditing Standards by Sample," *Journal of Industrial Engineering*, 1976, Vol. 8, No. 9, pp. 25-29. Reprinted as a chapter in: *Work Measurement Principles and Practice*, (Editor: R.L. Shell), Industrial Engineering and Management Press, Norcross, Georgia, 1986, pp. 277-281.
299. Salvendy, G., Joost, M.G., Cunningham, P.R., Ferguson, G.W., Wilko, R.A., and Dees, W.R., "Improving Evaluation of Amalgam Restorations," *Journal of Dental Education*, 1976, Vol. 40, No. 6, pp. 368-369.
300. Salvendy, G., Joost, M.G., Dees, R., Wilko, R.A., Cunningham, P.R., and Ferguson, G.W., "Perceptual and Motor Training for the Acquisition and Retention of Psychomotor Skills in Dental Amalgam Restorations: Class I in the Mandibular First Molar," *Journal of Dental Education*, 1976, Vol. 40, No. 11, pp. 757-760.
301. Salvendy, G., Joost, M.G., Ferguson, G.W., Cunningham, P.R., Schiff, A.J., and Wilko, R.A., "Training in Force Exertions during Condensation of Dental Amalgam," *Journal of Dental Education*, 1976, Vol. 40, No. 6, pp. 370-372.
302. Salvendy, G., Joost, M.G., Wilko, R.A., Ferguson, G.W., and Cunningham, P.R., "Skills Analysis of a Class I Amalgam Restoration in a Mandibular Right First Molar," *Journal of Dental Education*, 1976, Vol. 40, No. 12, pp. 787-793.
303. Salvendy, G., "Selection of Industrial Operators: The One-Hole Test," *International Journal of Production Research*, 1975, Vol. 13, No. 3, pp. 303-321.
304. Salvendy, G., and McCabe, G.P., "Marijuana and Human Performance," *Human Factors*, 1975, Vol. 17, pp. 229-235.

305. Salvendy, G., and Stewart, G.K., "The Prediction of Operator Performance on the Basis of Performance Tests and Biological Measures," *AIIE Transactions*, 1975, Vol. 7, No. 4, pp. 379-387.
306. Salvendy, G., Root, C.M., Schiff, A.J., Cunningham, P.R., and Ferguson, G.W., "A Second Generation Training Simulator for Acquisition of Psychomotor Skills in Cavity Preparation," *Journal of Dental Education*, 1975, Vol. 39, No. 7, pp. 446-471.
307. Schiff, A.J., Root, C.M., Salvendy, G., Ferguson, G.W., and Cunningham, P.R., "Objective Evaluation of Quality in Cavity Preparation," *Journal of Dental Education*, 1975, Vol. 39, No. 2, pp. 92-95.
308. Salvendy, G., "Discrimination in Performance Assessments against the Aged," *Perceptual and Motor Skills*, 1974, Vol. 39, pp. 1087-1099.
309. Salvendy, G., "Psychomotor Skills and Occupational Productivity," *Japan Industrial Management Journal*, (in Japanese), 1973, Vol. 12, pp. 14-24. · Reprinted in: *Work Study and Management Services*, 1974, Vol. 18, No. 2, pp. 519-531.
310. Salvendy, G., and Pilitsis, J., "Improvements in Physiological Performance as a Function of Practice," *International Journal of Production Research*, 1974, Vol. 12, No. 4, pp. 519-531.
311. Salvendy, G., "The Non-Linearity Model of Intellectual Abilities for the Selection of Operators: The G.T. 70/23 Non-Verbal Intelligence Test Norms, Reliabilities and Validities," *Studia Psychologica*, 1973, Vol. 15, pp. 79-83.
312. Salvendy, G., and Harris, D., "Effects of Different Modes of Feedback on the Acquisition and Retention of Psychomotor Skills," *Japanese Psychological Research*, September 1973, Vol. 15, No. 3, pp. 127-135.
313. Salvendy, G., Goodrich, T.H., Hinton, W.H., Cunningham, P.R., and Ferguson, G., "Electromechanical Simulator for Acquisition of Psychomotor Skills in Cavity Preparation," *Journal of Dental Education*, December 1973, Vol. 37, pp. 32-40.
314. Salvendy, G., Hinton, W.M., Ferguson, G.W., and Cunningham, P.R., "Pilot Study on Criteria in Cavity Preparation Facts or Artifacts," *Journal of Dental Education*, November 1973, Vol. 37, pp. 27-31.
315. Salvendy, G., Root, C.M., Cunningham, P.R., Ferguson, G.W., Hinton, W.M., Baum, S., and Khan, L., "Skills Analysis of Cavity Preparations: Class I in the Mandibular Right First Molar," *Journal of Dental Education*, October 1973, Vol. 37, pp. 11-18.
316. Salvendy, G., "Effects of Age on some Test Scores and Production Criteria," *Studia Psychologica*, 1972, Vol. 14, pp. 186-189.
317. Salvendy, G., "Physiological and Psychological Aspects of Paced and Unpaced Performance," *Acta Physiologica*, 1972, Vol. 42, No. 3, pp. 267-275.
318. Salvendy, G., "Hand Size and Assembly Performance," *AIIE Transactions*, 1971, Vol. 3, No. 1, pp. 32-36.
319. Salvendy, G., and Pilitsis, J., "Psychophysiological Aspects of Paced and Unpaced Performance as Influenced by Age," *Ergonomics*, 1971, Vol. 14, No. 6, pp. 703-711.
320. Salvendy, G., Corlett, E.N., and Seymour, W.D., "Selecting Operators for Fine Manual Tasks: A Study of the O'Connor Finger Dexterity Test and the Purdue Pegboard," *Occupational Psychology*, 1971, Vol. 45, No. 6, pp. 57-65.
321. Salvendy, G., Hershcopf, R., Pesch, W., Boy, R., and Przybylski, P., "Shielding Aspects of Signal Light Discrimination," *Studia Psychologica*, 1971, Vol. 13, pp. 79-84.
322. Salvendy, G., "Handedness and Psychomotor Performance," *AIIE Transactions*, 1970, Vol. 2, No. 3, pp. 227-232.
323. Salvendy, G., Gupta, R.C., and Malkani, C., "Ranking of Mechanical Engineering Departments of Indian Universities," *Mechanical Engineering News*, 1970, Vol. 7, No. 2, pp. 13-14.
324. Salvendy, G., Seymour, W.D., and Corlett, E.N., "A Comparative Study of Static vs. Dynamic Scoring of Performance Tests for Industrial Operators," *Journal of Applied Psychology*, 1970, Vol. 54, No. 2, pp. 135-139.

325. Yoblick, D., and Salvendy, G., "Influence of Frequency on the Estimation of Time for Auditory, Visual, and Tactile Modalities: The Kappa Effect," *Journal of Experimental Psychology*, 1970, Vol. 86, No. 2, pp. 157164.
326. Salvendy, G., "Learning Fundamental Skills: A Promise for the Future," *AIIE Transactions*, 1969, Vol. 1, No. 4, pp. 300-305.
327. Salvendy, G., Corlett, E.N., and Seymour, W.D., "A Comparative Study of Two Manual Dexterity Tests and the Abilities of Operators Performing Repetitive Tasks in Industry," *Bulletin of the British Psychological Society*, 1968, Vol. 21, No. 72, pp. 183.

D. Proceedings of Presentations at National and International Conferences

1. Li, H., Rau, P.L.P., Zhao, X., and Salvendy, G. (2013). On Relationship between Self-Construal and Individual Behavior in Video-mediated Multicultural Group Decision Making. *Proceedings of the 15th International Conference on Human-Computer Interaction (HCI 2013)*, Las Vegas, Nevada, USA, July 21-26, 2013.
2. Zhou, J., Rau, P.L.P., and Salvendy, G. (2013). A Qualitative Study of Older Adults' Acceptance of New Functions on Smart Phones and Tablets. *Proceedings of the 15th International Conference on Human-Computer Interaction (HCI 2013)*, Las Vegas, Nevada, USA, July 21-26, 2013.
3. Zeng, L., Proctor, R.W., & Salvendy, G. (2010). Harnessing the user's mental power to enhance website creativity: The meta-design approach to web personalization. *Proceedings of the 54th Human Factors and Ergonomics Society Annual Meeting, HFES*, San Francisco, CA, USA, 1817-1821.
4. Kim, K., Proctor, R. W., & Salvendy, G. (2009) Menu Design in Cell Phones: Use of 3D Menus. *Proceedings of the 13th International Conference on Human-Computer Interaction* (pp. 48-57). San Diego, CA.
5. Wang P, Rau P-LP, & Salvendy G. (2009). A Survey Study of Chinese Drivers' Inconsistent Risk Perception. *Proceedings of 13th International Conference on Human-Computer Interaction (HCI International 2009)*, San Diego, USA, July, 2009.
6. Zeng, L., Proctor, R.W., & Salvendy G., Integrating creativity in IT product and service development into ergonomic design practices. *Proceedings of the 53rd Human Factors and Ergonomics Society Annual Meeting*, 2009, 19-23 October San Antonio, Texas.1507-1511.
7. Zeng, L., Proctor, R.W., & Salvendy, G. (2009). Integration of creativity into website design. *Proceedings of the HCI International 2009 Conference*, Springer, San Diego, CA, USA, 769-776.
8. Baik, K., Jeong, K., Cho, G., Salvendy, G., Changes of the actual selling and return rates by visualizing textile touch on clothing websites. *Proceedings 2nd International Conference on Applied Human Factors and Ergonomics*, 2008, 14-17 July, 2008, Las Vegas.
9. Huang, D.-L., Rau, P.-LP., Salvendy G., Shang X-L, Liu Y, & Wang X. (2008) Perception of information security and its implications for mobile phone. *Proceedings of the 52nd Human Factors and Ergonomics Society Annual Meeting (HFES 2008)*, New York, USA, September, 2008
10. Jeong, K-A., and Salvendy, G., Should future homes be designed differently for Americans and Koreans? *Proceedings 2nd International Conference on Applied Human Factors and Ergonomics*, 2008, 14-17 July, 2008, Las Vegas.
11. Jun, E., and Salvendy, G., Human aspects of data mining systems. *Proceedings 2nd International Conference on Applied Human Factors and Ergonomics*, 2008, 14-17 July, 2008, Las Vegas.
12. Kim, K, and Salvendy, G., Human Aspect of cell phone menu design. *Proceedings 2nd International Conference on Applied Human Factors and Ergonomics*, 2008, 14-17 July, 2008, Las Vegas.
13. Wang, L., Rau, P.L. P., and Salvendy, G. (2008). A Cross-Cultural Survey of Older Adults' Technology Acceptance, *Proceedings of the 2nd International Conference on Applied Human Factors and Ergonomics (AHFEI 2008)*, Las Vegas, Nevada, USA, July14-17, 2008.
14. Xu, S., Li, Z., Zeng, G., Salvendy, G., Uncertainty of head-related transfer function and morphologic features. *Proceedings 2nd International Conference on Applied Human Factors and Ergonomics*, 2008, 14-17 July, 2008, Las Vegas.

15. Zeng, L., and Salvendy G., How creative is your website? Proceedings 2nd International Conference on Applied Human Factors and Ergonomics, 2008, 14-17 July, 2008, Las Vegas.
16. Gao, Q., Rau, P.-L. P., and Salvendy, G. (2007). Provide Context-aware Advertisements with Interactivity, Proceedings of the 12th International Conference on Human-Computer Interaction (HCI International '07), Beijing, China, July 22-27, 2007.
17. Huang, D., Rau, P.-L. P., and Salvendy, G. (2007). A Survey of Factors Influencing People's Perception of Information Security, Proceedings of the 12th International Conference on Human-Computer Interaction (HCI International '07), Beijing, China, July 22-27, 2007.
18. Niu, J., Li, Z., & Salvendy, G. (2007). A Case Study of Multi-resolution Representation of Heads. The 12th International Conference on Human-Computer Interaction (HCI International '07), Beijing, China, July 22-27, 2007.
19. Niu, J., Li, Z., & Salvendy, G. (2007). Mathematical Methods for Shape Analysis and form Comparison in 3D Anthropometry: A Literature Review. The 12th International Conference on Human-Computer Interaction (HCI International '07), Beijing, China, July 22-27, 2007.
20. Qin H, Rau P.L.P, & Salvendy G (2007). Player immersion in the computer game narrative. Proceedings of 6th International Conference on Entertainment Computing (ICES 2007), Shanghai, China, September, 2007.
21. Xu, S., Li, Z.Z., Zeng, L., & Salvendy, G. (2007). A study of morphological influence on head-related transfer functions. Proceedings of the IEEE International Conference on Industrial Engineering and Engineering Management (IEEM2007), Singapore, 472-476.
22. Xu, S., Zeng, L., Li, Z.Z., Tian, C.D., & Salvendy, G. (2007). A pilot measurement of head-related transfer function blur in spatial localization. Proceedings of the IEEE International Conference on Industrial Engineering and Engineering Management (IEEM2007), Singapore, 467-471.
23. Zhang T, Rau PLP, & Salvendy G (2007) Developing instrument for handset usability evaluation: A survey study. Proceedings of 12th International Conference on Human-Computer Interaction (HCI International 2007), Beijing, China, July, 2007.
24. Ling, C. & Salvendy, G., (2006) Importance of Usability Attributes to Purchase Intention on E-Commerce Website with Different User Groups. Proceedings of HFES 50th Annual Conference, San Francisco, CA, October 16-20, 1457-1460.
25. Niu, J., Li, z., & Salvendy, G. (2006). Multi-resolution Description of 3D Anthropometric Data. The 16th Triennial Congress of the International Ergonomics Association (IEA 2006), Maastricht, the Netherlands, July 10-14.
26. Rau, P.-L. P., Zhang, B., and Salvendy, G. (2006). Effects of Tasks and Smartness Level in Smart Home User Interface. Proceedings of the Seventh Asia-Pacific Conference on Computer-Human Interaction (APCHI 2006), Taipei, Taiwan, Oct 11 - 14.
27. Rau, P.-L. P., Zhao, Z., and Salvendy, G. (2006). Evaluate User Performance for A Screen Magnifier in Handheld Devices. Proceedings of the Seventh Asia-Pacific Conference on Computer-Human Interaction (APCHI 2006), Taipei, Taiwan, Oct 11 - 14.
28. Liu, Y., & Salvendy, G., "Interactive Visual Association Rules Modeling," Proceedings of the 11th International Conference on Human-Computer Interaction, 2005, Lawrence Erlbaum and Associates: CD-ROM.
29. Horn, D., Feinberg, R., & Salvendy, G. "Customer Relationship Management in E-Business," Proceedings of the 10th International Conference on Human-Computer Interaction, 2003, Vol. 2, pp. 1213-1217.
30. Ozok, A.A., Salvendy, G., & Oldenburger, K., "How to Treat Your Customers: Guidelines for Consistency in E-Commerce," Proceedings of the 10th International Conference on Human-Computer Interaction, 2003, vol. 2. pp. 1288-1292.
31. Salvendy, G., "Transfer of Ergonomics Know-How: An International Perspective," IEA 2000 Congress, July 30-August 4, 2000, San Diego, California.
32. Chen, B., Mistock, M., Cosonada, J., Salvendy, G., "Remote Usability Testing through the Internet," Proceedings of HCI International '99, Munich, Germany, 22-27 August 1999, 1108-1113.

33. Chen, B., Salvendy, G., "Design and Validation of a User-Centered Web Browser," Proceedings of the Human Factors & Ergonomics Society's 42nd Annual Meeting, 5-9 October 1998, pp. 369-371.
34. Fu, L., Salvendy, G., Turley, L., "Who Finds What in Usability Evaluation," Proceedings of the Human Factors & Ergonomics Society's 42nd Annual Meeting, 5-9 October 1998, pp. 1341-1345.
35. Rau, P., Salvendy, G., "Likes and Dislikes of Electronic Mail Addresses: A Users' Survey," Proceedings of HCI International '99, Munich, Germany, 22-27 August 1999, pp. 58-61.
36. Duffy, V., & Salvendy, G., "The Impact of Task and Work Structure on the Effectiveness of Implementing Concurrent Engineering in American Industries," Proceedings of the 13th International Conference on Production Research, 1995, pp. 135-137.
37. Zhao, B., and Salvendy, G., "Compatibility of Task Presentation and Task Structure in Human-Computer Interaction," Advances in Industrial Engineering and Safety VII, 1995, pp. 593-597.
38. Gong, Q., Salvendy, G., "Design of Skill-Based Adaptive Interface: The Effect of a Gentle Push," Proceedings of the Human Factors and Ergonomics Society 38th Annual Meeting, 1994, pp. 295-299.
39. Jacko, J., Salvendy, G., Koubek, R., "An Experimental Study for Menu Design: Guidelines for Menu Selection," IEA '94 Proceedings Ergonomics and Design, 1994, Vol. 4, pp. 351-353.
40. Koubek, R., Salvendy, G., Tang, K.-H., "The Development of a Theoretical Model for Predicting Skills Requirements in Advanced Manufacturing Settings," Proceedings of the 4th International Conference on Human Aspects of Advanced Manufacturing and Hybrid Automation, Advances in Agile Manufacturing, 1994, pp. 385-388.
41. Koubek, R.J., and Salvendy, G., "A Conceptual Model of Human Skill Requirements for Advanced Manufacturing Settings," Proceedings of the 1994 NSF Design and Manufacturing Grantee's Conference, 1994, pp. 341-342.
42. Tang, K.-H., Koubek, R., Salvendy, G., "Development and Validation of an Operational Model for Predicting Skills Requirements in Agile Manufacturing Systems," Proceedings of the 4th International Conference on Human Aspects of Advanced Manufacturing and Hybrid Automation, Advances in Agile Manufacturing, 1994, pp. 389-392.
43. Ye, N., and Salvendy, G., "Quantitative and Qualitative Measures on Knowledge Chunking of Computer Programmers," IEA '94 Proceedings Ergonomics and Design, 1994, Vol. 4, pp. 423-425.
44. Ye, N., Salvendy, G., "Abstraction from the Physical Appearance of Computer Programs: A Barrier to Knowledge Development of Computer Programmers," IEA '94 Proceedings Ergonomics and Design, 1994, Vol. 4, pp. 426-428.
45. Chao, C.-J., and Salvendy, G., "Development of a Methodology for Optimizing Elicited Knowledge," Human-Computer Interaction: Software and Hardware Interfaces, (Editors: G. Salvendy and M.J. Smith), Amsterdam, Netherlands: Elsevier Science Publishers, Orlando, FL, 8-13 August 1993, pp. 879-884.
46. Koubek, R.J., and Salvendy, G., "A Conceptual Model of Human Skill Requirements for Advanced Manufacturing Settings," Human-Computer Interaction: Software and Hardware Interfaces, (Editors: G. Salvendy and M.J. Smith), Amsterdam, Netherlands: Elsevier Science Publishers, Orlando, FL, 8-13 August 1993, pp. 356-361.
47. Kume, Y., Jung, H.-S., and Salvendy, G., "A New Paradigm for Diagnostic Expert System Based on Designer's Knowledge," Human-Computer Interaction: Software and Hardware Interfaces, (Editors: G. Salvendy and M. J. Smith), Amsterdam, Netherlands: Elsevier Science Publishers, Orlando, FL, 8-13 August 1993, pp. 867-872.
48. Papantonopoulos, S., and Salvendy, G., "A Decision Analytic Model for Cognitive Task Allocation," Proceedings of the Human Factors & Ergonomics Society, 37th Annual Meeting, 1993, pp. 302-396.
49. Stanney, K., and Salvendy, G., "Effects of Diversity in Field-Articulation on Human Computer Performance," Human-Computer Interaction: Applications and Case Studies, (Editors: M.J. Smith and G. Salvendy), Amsterdam, Netherlands: Elsevier Science Publishers, Orlando, FL, 8-13 August 1993, pp. 463-468.

50. Ukita, A., Karwowski, W., and Salvendy, G., "Development of a Fuzzy Knowledge-based Neural Network System for Tuning of Electric Circuits," Poster Sessions: Abridged Proceedings, Orlando, FL, 8-13 August 1993, pp. 187.
51. Ye, N., and Salvendy, G., "Introducing Problem Solving Strategies of Users into the Interface Design," Human-Computer Interaction: Software and Hardware Interfaces, (Editors: G. Salvendy and M.J. Smith), Amsterdam, Netherlands: Elsevier Science Publishers, Orlando, FL, 8-13 August 1993, pp. 873-878.
52. Jung, H.S., Kume, Y., Inuiguchi, M., and Salvendy, G., "Diagnosing the Malfunctions of Equipment Without Failure Data," Proceedings of the 1992 Japan/USA Symposium on Flexible Automation, San Francisco, CA, 13-15 July 1992, pp. 1457-1463.
53. Kume, Y., Inuiguchi, M., Jung, H.S., and Salvendy, G., "Stress Management Based on the Catastrophe Model for Creative Processes," Proceedings of the Annual International Industrial Ergonomics and Safety Conference '92, Denver, CO, 10-14 June 1992, pp. 177-184.
54. Salvendy, G., "Bases Ergonomicas Para a Renovacao Industrial," Proceedings of the I Congress Latino Americano E III Seminario Brasileiro de Ergonomia e 5th Seminario Brasileiro de Ergonomia, Abergó Associacao Brasileira de Ergonomia, 1992, pp. 35-43.
55. Stanney, K., and Salvendy, G., "Diversity in Field-Articulation and Its Implications for Human-Computer Interface Design," Proceedings of the 36th Annual Meeting of the Human Factors Society, Atlanta, GA, 12-16 October 1992, pp. 902-906.
56. Kume, Y., Jung, H.-S., Inuiguichi, M., and Salvendy, G., "Development of General Purpose Expert System for Diagnosing Malfunction of Production Equipment," Proceedings of the First China/Japan International Symposium on Industrial Management, Beijing, China, 16-19 October 1991, pp. 314-319.
57. Papantonopoulos, S., and Salvendy, G., "Cognitive Task Analysis: A Design Methodology," Human Aspects of Computing: Design and Use of Interactive Systems and Work with Terminals, (Ed.: Hans-Jorg Bullinger), Amsterdam, Netherlands: Elsevier Science Publishers, Stuttgart, Germany, 1-6 September 1991, pp. 424-428.
58. Salvendy, G., "Design of Adaptive Interfaces and Flexible Mass Production of Knowledge-Based Systems," Human Aspects of Computing: Design and Use of Interactive Systems and Work with Terminals, (Ed.: HansJorg Bullinger), Amsterdam, Netherlands: Elsevier Science Publishers, 1991, pp. 56-68.
59. Salvendy, G., "Human Factors in Computing Systems," Proceedings of the International Hi-Tech Forum, Osaka, Japan, 6-7 February 1991, pp. 25-32.
60. Salvendy, G., "The Future of Ergonomics and the International Ergonomics Association," Designing for Everyone, (Eds.: Y. Queinnec and F. Daniellou), Vol. 2, 1991, pp. 1794-1795.
61. Ye, N., and Salvendy, G., "An Adaptive Interface Design Using Neural Networks," in Human Aspects of Computing: Design and Use of Interactive Systems and Work with Terminals, (Ed.: Hans-Jorg Bullinger), Amsterdam, Netherlands: Elsevier Science Publishers, Stuttgart, Germany, 1-6 September 1991, pp. 435-439.
62. Karwowski, K., Noland, S., Eberts, R., and Salvendy, G., "Effects of Keying Method, Image Preview and Work/Rest Schedule on Posture of the Remote Bar Coding Operators," Proceedings of the Human Factors Society Annual Meeting, Orlando, FL, 8-12 October 1990, pp. 738-742.
63. Salvendy, G., "Industrial Engineering in the U.S.A. and Its Implications for the NEC Corporation," Production in NEC, 1990, No. 51, p. 6.
64. Salvendy, G., "The Future of Human Aspects in Computing," The Sixth Symposium on Human Interface, Human Interface News and Report, Tokyo, Japan, 25 October 1990, Vol. 5, No. 4, pp. 323-326.
65. Tanaka, T., Eberts, R., and Salvendy, G., "Derivation and Validation of a Quantitative Method for the Analysis of Consistency for Interface Design," Proceedings of the Human Factors Society Annual Meeting, Orlando, FL, 8-12 October 1990, pp. 329-333.
66. Zimmerman, N., Eberts, C., and Salvendy, G., "Measure of Work Performance Decrement Due to Respirators," Proceedings of the Human Factors Society annual meeting, Orlando, FL, 8-12 October 1990, pp. 981-983.

67. Gibson, D., and Salvendy, G., "Knowledge Representation in Human Problem Solving: Implications for Expert System Design," Proceedings of the Human Factors Society 32nd annual conference, Anaheim, California, 24-28 October 1988, pp. 395-398.
68. Koubek, R.J., and Salvendy, G., "On the Theory of Expert and Super-Expert Performance on Computer Modification Tasks: An Experimental Study. "In Proceedings of the Human Factors Society 32nd annual conference, Anaheim, California, 24-28 October 1988, pp. 386-390.
69. Salvendy, G., "Ergonomics of Hybrid Intelligence," Proceedings of the International Conference on Ergonomics of Advanced Manufacturing and Hybrid Automated Systems, Louisville, KY, 16-18 August 1988.
70. Salvendy, G., "Megatrends in Ergonomics and Their Implications for Human-Computer Interaction and Expert Systems," Proceedings of the Ergonomics Society's 1988 Annual Conference, Manchester, England, 11-15 April 1988.
71. Salvendy, G., "Megatrends in Industrial Engineering and Their Impact on the Effective Design and Use of Advanced Manufacturing Technologies," Proceedings of the Fifth Industrial Engineering Conference, Beer Sheva, Israel, 11-12 May 1988.
72. Salvendy, G., "What We Know and What We Should Know about Human-Computer Interaction: Strategies for Research and Development," Proceedings of the Second International Conference on Human-Computer Interaction, Honolulu, Hawaii, 10-14 August 1987; in Cognitive Engineering in Human-Computer Interaction and Expert Systems, (Editor: G. Salvendy), Amsterdam, Netherlands: Elsevier Science Publishers, 1987.
73. Koubek, R.J., Salvendy, G., and Dunsmore, H., "CAP: A Knowledge Extraction Methodology for Computer Programming," Proceedings of the Human Factors Society 30th Annual Meeting, Dayton, Ohio, 29 September to 3 October, 1986, pp. 492-496.
74. Salvendy, G., "Quo Vadis Ergonomics," Proceedings of the International Conference on Industrial Ergonomics and Safety, Louisville, KY, 12-14 June 1986, published in Karwowski, W. (Ed.), Trends in Human Factors/Ergonomics II, Amsterdam: North Holland, 1986.
75. Salvendy, G., "Technical and Human Aspects of the Effective Implementation and Utilization of Computer Integrated Manufacturing (CIM)," Proceedings of the Second International Productivity Symposium, Munich, Germany, October 14-16, 1986.
76. Barfield, W., and Salvendy, G., "Perceptual and Cognitive Aspects of Three-Dimensional Rotation for Computer Aided Design (CAD) Systems," Proceedings of the Human Factors Society 29th Annual Meeting, Baltimore, Maryland, 29 September - 3 October 1985, pp. 897-901.
77. Hwang, S-L., and Salvendy, G., "Effect of Allocation of Functions and Size of Flexible Manufacturing Systems (FMS) or Human Supervisory Performance," Proceedings of the 9th Congress of the International Ergonomics Association, Bournemouth, England, 2-6 September 1985, pp. 253-255.
78. Koubek, R.J., LeBold, W., and Salvendy, G., "Cognitive and Affective Factors Related to Computer Programming Performance," Proceedings of the 9th Congress of the International Ergonomics Association, Bournemouth, England, 2-6 September 1985, pp. 844-846.
79. LeBold, W., Koubek, R.J., Jogacinski, C., and Salvendy, G., "Assessing Computer Programming Productivity at the University Level," Proceedings of the 12th Conference on Production Research and Technology; Advanced Systems for Manufacturing. National Science Foundation, University of Wisconsin-Madison, WI, 14-17 May 1985, pp. 459-461.
80. Salvendy, G., "Human Aspects of Working on Repetitive Machine-Paced and Self-Paced Work: A Review and Reappraisal," Proceedings of the 9th Congress of the International Ergonomics Association, Bournemouth, England, 2-6 September 1985, pp. 352-353.
81. Salvendy, G., "Similarities and Differences Between Human Factors in the U.S.A. and Ergonomics in Europe," Proceedings of the 9th Congress of the International Ergonomics Association, Bournemouth, England, 2-6 September 1985, pp. 97-98.
82. Salvendy, G., LeBold, W., and Koubek, R., "Cognitive Engineering Issues in the Design and Operation of Software Factories," Proceedings of the IEEE Computer Society's Ninth International Computer Software and Applications Conference (COMPSAC), Chicago, Illinois, 9-11 October 1985, pp. 198.

83. Seppala, P., and Salvendy, G., "Impact of the Depth of Menu Hierarchy on Performance Effectiveness in a Supervisory Task," Proceedings of the 9th Congress of the International Ergonomics Association, Bournemouth, England, 2-6 September 1985, pp. 469-471.
84. Sharit, J., and Salvendy, G., "Supervisory Control of a Flexible Manufacturing System: An Exploratory Investigation," Proceedings of the 9th Congress of the International Ergonomics Association, Bournemouth, England, 2-6 September 1985, pp. 283-285.
85. Suominen-Troyer, S., Davis, K., Ismail, H.A., and Salvendy, G., "Impact of Physical Fitness on Decision Making Capabilities," Proceedings of the 9th Congress of the International Ergonomics Association, Bournemouth, England, 2-6 September 1985, pp. 664-666.
86. Barfield, W., and Salvendy, G., "Computer Aided Design: Human Factors Considerations," Proceedings of the Human Factors Society - 28th Annual Meeting, 1984, pp. 654-658.
87. Barfield, W., Salvendy, G., and Hwang, S.-L., "The Ergonomics in the Design of Power Press Actuators," Proceedings of the Seminar on Ergonomics in Industrial Design, Tainan City, Taiwan, 4-5 December 1984, pp. 354-361.
88. Hwang, S.L., and Salvendy, G.S., "Human Supervisory Performance in Flexible Manufacturing Systems," Proceedings of the Human Factors Society - 28th Annual Meeting, 1984, pp. 664-669.
89. Salvendy, G., and Nof, S.Y., "Integration of Human Operators in Computerized Manufacturing: Some Considerations," Proceedings Annual International Industrial Engineering Conference and Show, 6-10 May 1984, pp. 179-188.
90. Barfield, W., Jr., Salvendy, G., Hwang, S. L., and Etherton, J., "Human Aspects of Industrial Machine Actuators: Review and Reappraisal," Proceedings of the 27th Annual Meeting of the Human Factors Society, Norfolk, Virginia, 10-14 October 1983, pp. 704-708.
91. Hwang, S. L., Barfield, W., Jr., Chang, T. C., and Salvendy, G., "The Role of the Human in the Operation and Control of Flexible Manufacturing Systems, Proceedings of the 7th International Conference on Production Research, Windsor, Ontario, Canada, 22-24 August 1983, 973-979.
92. Hwang, S. L., Sharit, J., and Salvendy, G., "Management Strategies for the Design, Control, and Operation of Flexible Manufacturing Systems," Proceedings of the 27th Annual Meeting of the Human Factors Society, Norfolk, Virginia, 10-14 October 1983, pp. 297-301.
93. LeBold, W., Salvendy, G., Shodja, S., and Lange, T., "Cognitive and Affective Factors Related to Computer Programming Performance," Proceedings of the Frontiers in Education Conference, Worcester, Massachusetts, 17-19 October 1983, pp. 53-61.
94. LeBold, W., Salvendy, G., Shodja, S., and Lange, T., "Cognitive Factors Related to Computer Programming and Software Productivity," Proceedings of the 27th Annual Meeting of the Human Factors Society, Norfolk, Virginia, 10-14 October 1983, pp. 647-651.
95. Salvendy, G., LeBold, W., Shodja, S., and Lange, T., "Correlates of Computer Programming Performance," Proceedings of the 7th International Conference on Production Research, Windsor, Ontario, Canada, 22-24 August 1983, pp. 966-972.
96. Seppala, P., and Salvendy, G., "Depth of Menu Hierarchy and Performance Effectiveness in a Data Acquisition Task, Proceedings of the 7th International Conference on Production Research, Windsor, Ontario, Canada, 22-24 August 1983, pp. 945-951.
97. Salvendy, G., "Human-Computer Communications in Computer Integrated Manufacturing Systems," Proceedings of the International Conference on Productivity and Work Quality Improvement, Tokyo, Japan, 20-22 October 1982, pp. 1-14.
98. Salvendy, G., "Human-Computer Communications with Special Reference to Technological Developments, Occupational Stress and Educational Needs," Proceedings of the 8th International Ergonomics Conference, Tokyo, Japan, 22-28 August 1982, pp. 13-20.
- 99.
100. Salvendy, G., "Stress-Related Risk Factors," in NIOSH Symposium on Occupational Safety Research and Education: A Dialogue between Two Communities, DHHS (NIOSH) publication No., 1982, pp. 137-148.

101. Kamali, J., Moodie, C. L., and Salvendy, G., "A Framework for Integrated Assembly Systems: Humans, Automation and Robots," Proceedings of the European Automated Manufacturing Conference, Brighton, England, 19-21 May 1981, pp. 211-223.
102. Salvendy, G., "Human-Computer Communications in Computer Integrated Manufacturing Systems," Proceedings of the International Conference on Productivity and Work Quality, Tokyo, Japan, 19-22 October 1982, pp. 1-14.
103. Salvendy, G., "Occupational Stress: A Significant Contributor to Effective Utilization of Technology," Proceedings of the 6th International Conference on Production Research, Novi Sad, Yugoslavia, 22-27 August 1981, pp. 107-111.
104. Salvendy, G., "Effects of Job Pacing or Job Satisfaction, Psychophysiological Stress and Industrial Productivity," Proceedings of the 31st Annual AIIE Conference, Atlanta, Georgia, 11-14 May 1980, pp. 433-443.
105. Salvendy, G., "Stress Related Risk Factors," Proceedings of the NIOSH Symposium on Occupational Safety Research and Education, Morgantown, West Virginia, 3-5 September 1980, pp. 137-148.
106. Salvendy, G., "Work Design Experiences in Sweden, Japan, Yugoslavia, and United States: Lessons to be Learned from a Preliminary Informal Evaluation," Proceedings of AIIE Systems Conference, Minneapolis, Minnesota, 7-10 December 1980, pp. 93-95.
107. Salvendy, G., and Sharit, J., "Stress Research: Review and Reappraisal," Proceedings of the 24th Human Factors Society Meeting, Los Angeles, California, 3-18 October 1980, pp. 238-242.
108. Basila, B., Suominen, S., McCabe, G.P., and Salvendy, G., "Non-work Related Movements in Machine Paced and in Self-Paced Work," Proceedings of the 23rd Annual Meeting of the Human Factors Society, Boston, Massachusetts, 30 October - 2 November 1979, pp. 149-152.
109. Knight, J., and Salvendy, G., "Physiological Basis of Machine-Paced and Self-Paced Work, Proceedings of the 23rd Annual Meeting of the Human Factors Society, Boston, Massachusetts, 30 October - 2 November 1979, pp. 158-162.
110. Knight, J., Salvendy, G., and Howelles, R.A., "Reducing Cognitive Load in Man-Machine Interaction Involving Psychomotor Skills," Proceedings of the III International Symposium on Man-Machine Systems and Environments, Dubrovnik, Yugoslavia, 3-5 September 1979, pp. 57-66. (In Yugoslavian).
111. Sanders, S., Knight, J., and Salvendy, G., "Attitudinal, Personality, and Age Characteristics for Machine Paced and Self-Paced Operations," Proceedings of the 23rd Annual Meeting of the Human Factors Society, Boston, Massachusetts, 30 October - 2 November 1979, pp. 153-157.
112. Sharit, J., and Salvendy, G., "Psychophysiological Effects of Paced and Self-Paced Work in Relation to Motivational, External and Internal Attentional Requirements of a Task," Proceedings of the 23rd Annual Meeting of the Human Factors Society, Boston, Massachusetts, 30 October - 2 November 1979, pp. 144-148.
113. Joost, M.C., and Salvendy, G., "The Development and Validation of an Objective Method for Quantifying Hyperactivity in Children," Proceedings of the 22nd Annual Meeting of the Human Factors Society, Detroit, Michigan, 16-19 October 1978, pp. 508-512.
114. Knight, J. L., Endicott, C., and Salvendy, G., "Locating and Reducing Cognitive Load in Paced and Unpaced Tasks," Proceedings of the 22nd Annual Meeting of the Human Factors Society, Detroit, Michigan, 16-19 October 1978, pp. 507.
115. Salvendy, G., "An Industrial Engineering Dilemma: Simplified versus Enlarged Jobs," Proceedings of the 5th International Conference on Production Research, Tokyo, Japan, 22-30 August 1977, pp. 2.1:1-20. Reprinted in: Proceedings of the 29th AIIE Conference, Toronto, Canada, 23-26 May 1978, pp. 464-469.
116. Salvendy, G., Fulford, P.J., McCormick, E.J., Kantowitz, B.H., Snyder, C., and Crossman, E.R.F.W., "Effective Operator Selection for Fossil Fuel and Nuclear Power Plants," in R. W. Pack (Editor), Conference Proceedings: Power Plant Operator Selection Methods, Palo Alto, California; Electric-Power Research Institute, 1976, pp. 127-132.

117. Salvendy, G., and Pilitsis, J., "The Development and Validation of an Analytical Training Program for Medical Suturing," Proceedings of the 19th Annual Conference of the Human Factors Society, Dallas, Texas, 14-16 October 1975, pp. 55-68.
118. Salvendy, G., and Stewart, G. K., "The Prediction of Operator Performance on the Basis of Performance Tests and Biological Measures," Proceedings of the Third International Conference on Production Research, Amherst, Massachusetts, 4-8 August 1975, pp. 457-466.
119. Salvendy, G., and McGabe, G., "Marijuana and Human Productivity," Proceedings of the 17th Annual Meeting of the Human Factors Society, Washington, D.C., 6-18 October 1973, pp. 60-68.
120. Salvendy, G., "Acquisition of Fundamental Psychomotor Skills: The Development and Cross-Validation of a New Theoretical Concept with Special Reference to Personnel Selection and Training," XXth International Congress of Psychology, Tokyo, Japan, 13-19 August 1972, pp. 666.
121. Salvendy, G., "Aging: Human Performance and Behavior," Proceedings of the 16th Annual Meeting of the Human Factors Society, Los Angeles, California, 16-19 October 1972, pp. 179.
122. Salvendy, G., and Pilitsis, J., "Physiological Learning Curves for the Establishment of Work Standards: An Exploratory Study," Proceedings of the 22nd Annual Conference and Convention of the American Institute of Industrial Engineers, Boston, Massachusetts, 12-15 May 1971, pp. 459-465.
123. Salvendy, G., "Handedness and Psychomotor Performance," Proceedings of the 22nd Annual Conference and Convention of the American Institute of Industrial Engineers, Houston, Texas, 6-9 May 1970, pp. 163-169
124. Salvendy, G., "Learning Fundamental Skills: A Promise for the Future," The 20th Annual Conference and Convention of the American Institute of Industrial Engineers, Houston, Texas, 6-9 May 1969, pp. 85-95.