



IEEE

1998 IEEE International Conference on Systems, Man, and Cybernetics

Hyatt Regency, La Jolla, California, USA October 11-14, 1998

Intelligent Systems for Humans in a Cyberworld

Registration Packet Contents:

- Important Information
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- Designated Topic Areas Reference

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Author's Guide

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5. CONCLUSION

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6. REFERENCES

The following are examples of the recommended style for references.

[1] A.P. Sage, "Systems Engineering and Information Technology," *Trans. On Systems, Man, and Cybernetics*, Vol. 22, No. 5, Sept./Oct. 1992, pp. 833-864.

[2] A.P. Sage, *Systems Engineering*, New York, NY: John Wiley & Sons, Inc., 1992.

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1 Systems Modeling and Control

- 11 Petri Nets - Theory and Applications
- 12 Discrete Event Dynamic Systems
- 13 Hybrid Systems
- 14 Neural Networks and Classical Control
- 15 Fuzzy Logic Control
- 16 Robot Dynamics and Control
- 17 Nonlinear Systems and Control
- 18 Adaptive Control

2 Computational Cybernetics

- 21 Pattern Recognition and Classification
- 22 Image Processing and Machine Vision
- 23 Optimization Techniques
- 24 Planning and Scheduling Techniques
- 25 Neural Networks
- 26 Genetic Algorithms
- 27 Bio-cybernetics
- 28 Data Mining and Knowledge Discovery
- 29 Soft Computing

3 Human and Machine Systems

- 31 Command and Control Systems
- 32 Human Computer Interaction and Virtual Reality
- 33 Human Factors in System Design
- 34 Virtual Reality and Systems Design
- 35 Machine Learning
- 36 Adaptive and Learning Systems
- 37 Multimedia

4 Decision Support Systems

- 41 Cognitive Systems and Engineering
- 42 Expert and Knowledge Systems
- 43 Management Information Systems
- 44 Data Base and Software Engineering
- 44 Simulation Methodology and Output Analysis
- 45 Simulation languages
- 46 Financial Engineering

5 Quality/Reliability and Systems Engineering

- 51 System Design and Reliability/Quality Engineering
- 52 System Design and Validation/Verification Techniques
- 53 System design and Product/Service Quality
- 54 Process Monitoring and Closed Loop Feedback Systems

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- A0 Generic Solutions with no emphasis on applications
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- A2 Intelligent Transportation Systems
- A3 Communication Networks and Protocols
- A4 Medical and Health Care Systems
- A5 Military Systems
- A6 Service and Public Sector Systems
- A7 Energy and Environment Systems
- A8 Others