2014 IEEE International Conference on Systems, Man, and Cybernetics
October 5-8, 2014
San Diego, California

The 2014 IEEE International Conference on Systems, Man, and Cybernetics (SMC2014) will be held at the luxurious [Paradise Point Resort and Spa](), 1404 Vacation Road, San Diego, located 15 minutes north on a 44 acre private island of Mission Bay. Paradise Point features comfortable bungalow-style rooms amidst lush, tropical gardens, tranquil lagoons, and 1.5 miles of sandy beach next door to Sea World.

Paradise Point Resort & Spa offers a unique San Diego experience with a location that is secluded, yet centrally situated. The airport, downtown San Diego, and top attractions including Old Town, the San Diego Zoo, and Balboa Park are all just minutes away.

SMC2014 is the flagship conference of the IEEE Systems, Man, and Cybernetics Society. It provides an international forum for researchers and practitioners to report up-to-the-minute innovation and development, summarize state-of-the-art, and exchange ideas and advances in all aspects of systems science and engineering, human machine systems, and cybernetics.

SMC 2014 is dedicated to Norbert Wiener, the "Father of Cybernetics." In honor of the 120th anniversary of his birth, the theme of the Conference is

From Norbert Wiener to the Cyber World

There are 4 categories of contributions: regular session papers (6 pages), special session papers (6 pages), short papers (4 pages), demo papers (2 pages), and posters. Short papers and demo papers are intended to promote applied research and applications, and facilitate collaboration between industrial and academic members of the SMC community. Papers related to the conference theme are especially solicited, including theories, methodologies, and emerging applications.

SMC2014 is seeking proposals for Tutorials and Workshops in research and application topics that are relevant to the areas of systems science and engineering, human-machine systems, or cybernetics. Paper submissions are invited for the 4th Workshop on Brain Machine Interfaces Systems and the 2014 IEEE International Workshop on Intelligent Energy Systems (IWIES2014) to be held concurrently with SMC2014. Free admission to all workshops and tutorials will be provided to attendees who have specified their selections when they register for the conference.

The deadline for submission of papers and posters is April 7, 2014. All categories of papers and posters are to be submitted electronically through the Conference website, and will be refereed by the Program Committee for originality, significance, quality and clarity. Accepted papers will be published in the Conference Proceedings.

An Exhibition of the technologies and products will be held in conjunction with the Conference. Participation from industry and research institutions is invited. A variety of options are available to meet the specific needs of sponsors, including levels of sponsorship, and contribution to grants, awards and events. For details, please visit the Call for Sponsorships and Exhibits.

Contributions covering theoretical developments and practical applications, including but not limited to the following technical areas, are invited:

Systems Science & Engineering	Human-Machine Systems	Cybernetics
Communications	Assistive Technology	Agent-Based Modeling
Conflict Resolution	Augmented Cognition	Artificial Immune Systems
Consumer/Industrial Applications	Brain-based Information Communications	Artificial Life
Control of Uncertain Systems	Design Methods	Biometric Systems and Bioinformatics
Cooperative Systems and Control	Entertainment Engineering	Computational Intelligence
Decision Support Systems	Human-Computer Interaction	Computational Life Science
Discrete Event Systems	Human Factors	Cybernetics for Informatics
Distributed Intelligent Systems	Human Performance Modeling	Evolutionary Computation
Enterprise Information Systems	Human-Machine Cooperation & Systems	Expert and Knowledge-based Systems
Fault Monitoring and Diagnosis	Human-Machine Interface Web	Information Assurance &
Intelligent Power Grid	Intelligence Interaction	Intelligent Multimedia Computation
Smart Metering	Information Visualization	Heuristic Algorithms
Infrastructure Systems & Services	Information Systems for Design/Marketing	Hybrid models of NN, Fuzzy Systems and Evolutionary Computing
Homeland Security	Virtual and Augmented Reality Systems	
Intelligent Green Production	Interactive and Digital Media	Image Processing/Pattern Recognition
Intelligent Transportation Systems	Interactive Design Science & Engineering	Fuzzy Systems and their applications
Large-Scale System of Systems	Kansei (sense/emotion) Engineering	Intelligent Internet Systems
Manufacturing Systems/Automation	Medical Informatics	Knowledge Acquisition in Intelligent
Mechatronics	Multimedia Systems	Machine Learning
Micro and Nano Systems	Multi-user Interaction	Machine Vision
Quality/Reliability Engineering	Resilience Engineering	Media Computing
Robotic Systems	Supervisory Control	Medical Informatics
Service Systems & Organizations	Systems Safety and Security	Neural Networks and their Applications
Smart Sensor Networks	Team Performance and Training Systems	Optimization
System Modeling and Control	User Interface Design	Self-Organization
Technology Assessment	Wearable Computing	Swarm Intelligence

Important Dates

February 15, 2014	Deadline for submission of proposals for special sessions
March 15, 2014	Acceptance/rejection notification of proposals for special sessions
April 21, 2014	Extended deadline for submission of regular session papers, special session papers, short papers, demo papers, and posters
April 15, 2014	Deadline for submission of proposals for tutorial and workshop sessions
May 25, 2014	Acceptance notification for tutorial and workshop sessions
May 25, 2014	Acceptance notification for all categories of papers and posters
July 9, 2014	Final camera-ready papers due for regular, special, short, and demo sessions
August 5, 2014	Deadline for early registration
October 5-8, 2014	Conference dates

For further information please view the SMC2014 website.