



# IEEE MAMI2017

## 2<sup>nd</sup> International Conference on Man And Machine Interfacing

*Smart Response to Challenges of Smart World*

21<sup>st</sup> - 23<sup>rd</sup> December 2017, Bhubaneswar, Odisha, India

We do agree that machines are an integral part of today's human society. Apart from the debates on the slavery of machines, we put our life into virtual or quite literal hands of machines. In day to day life machines are making life-or-death decisions for us. Leading a smart life creates a need of intelligent machines as well as the easy interfacing thereof. The biggest problem is dealing with these smart machines in the real world. This motivates us to study atoms on the micro and the cosmos in the macro. This conference covers the whole spectrum of theory and practice of man-machine interfacing, focusing on intelligent communication system, evolving hardware designing, automatic knowledge acquisition & processing employed in decision support systems, constantly evolving computational techniques, specialized user interfaces accessible also for disabled & artificial intelligence methods applied in such areas as computer vision or bioscience. This 2<sup>nd</sup> International Conference MAMI is inherently interdisciplinary as it aims to bring together scientists working in all these fields, providing an international forum for exchanging ideas, setting questions and problems for discussion, sharing the experience and knowledge among wide community of scientists, academicians and technocrats. Contributions covering theoretical developments and practical applications, including but not limited to the following technical areas, are invited.

### Systems Science & Engineering

Distributed Systems  
Decision Support Architectures  
SOC for Smart Systems  
MEMS Based Smart System  
Communications  
Consumer and Industrial Applications  
Control of Uncertain Systems  
Cooperative Systems and Control  
Decision Support Systems  
Distributed Intelligent Systems  
Enterprise Information Systems  
Fault Monitoring and Diagnosis  
Intelligent Power Grid  
Infrastructure Systems and Services  
Homeland Security  
Intelligent Green Production Systems  
Smart Transportation Systems  
Intelligent Vehicle Systems and Control  
Manufacturing Systems and Automation  
Mechatronics  
Micro and Nano Systems  
Quality/Reliability Engineering  
Robotic Systems  
Smart Sensor Networks  
System Modeling and Control  
Technology Assessment

### Human-Machine Systems

Assistive Technology  
Augmented Cognition  
Entertainment Engineering  
Human Performance Modeling  
Human-Machine Interface and Communications  
Web Intelligence and Interaction  
Information Visualization  
Virtual and Augmented Reality Systems  
Interactive and Digital Media  
Kansei (sense/emotion) Engineering  
Medical Informatics  
Multimedia Systems  
Multi-User Interaction  
Supervisory Control  
Systems Safety and Security  
User Interface Design  
Wearable Computing

### Cybernetics

Cloud Computing  
Grid Computing  
Big-data Analysis  
Biomedical Signal Processing and tomography  
Signal and Speech Processing  
Game Theory and its Applications  
Social Networks  
Artificial Immune Systems  
Biometric Systems and Bioinformatics  
Computational Intelligence  
Cybernetics for Informatics  
Evolutionary Computation  
Expert and Knowledge-Based Systems  
Intelligent Multimedia Computation  
Image Processing/Pattern Recognition  
Softcomputing and Applications  
Intelligent Internet Systems  
Machine Learning  
Machine Vision  
Media Computing  
Medical Informatics  
Optimization

### Important Dates:

- ◆ Paper Submission : 1st August 2017
- ◆ Acceptance Notification : 1st November 2017
- ◆ Camera Ready Paper Submission : 1st December 2017
- ◆ Early Registration : 15th November 2017
- ◆ Late Registration : 2nd December 2017

All the accepted papers after presentation in the conference will be published by IEEE Xplore Digital Library

### Organized By:



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### Technical Co-Sponsors

