



ICoMMS 2017
Exploring Man-Machines Compliance
INTERNATIONAL CONFERENCE ON MAN MACHINE SYSTEMS
Penang, Malaysia
21-22 August, 2017
Organized by School of Mechatronic Engineering
Universiti Malaysia Perlis (UniMAP), Arau, Perlis, Malaysia



PATRON

Dato' Prof. Dr. Zul Azhar Zahid Jamal
Vice-Chancellor, UniMAP

CONFERENCE ADVISORS

Prof. Ir. Dr. Rezuwan Kamaruddin
Deputy Vice-Chancellor
(Academic and International), UniMAP

Prof. Dr. Abdul Hamid Adom
Deputy Vice Chancellor
(Research and Innovation), UniMAP

Assoc. Prof. Dr. Mohd. Fo'ad Sakdan
Deputy Vice Chancellor
(Student Affairs and Alumni), UniMAP

GENERAL COMMITTEE

Abu Hassan Abdullah (General Chair)
Shafriza Nisha Basah (Deputy General Chair 1)
Nashrul Fazli Mohd Nasir (Deputy General Chair 2)
Siti Khadijah Zaaba (General Secretary)
Cheng Ee Meng (Co Secretary)
Nazahah Mustafa (Bursary)
Mohd Nor Fakhzan (Bursary)
Md Tasyrif Abdul Rahman (Arrangement)
Hanafi Mat Som (Webmaster)
Mohd Razif Omar (Webmaster)

ICOMMS2017 COMMITTEE

Wan Khairunizam Wan Ahmad (Chair)
Hasimah Ali (Secretary 1)
Norasmadi Abdul Rahim (Secretary 2)
Lam Chee Kiang (Technical)
Kamarulzaman Kamarudin (Technical)
Humairah Mansor (Technical)
Mohd Shuhanaz Zanar Azalan (Bursary)
Fahisal Abdullah (Bursary)
Muhammad Khairul Ali Hassan (Arrangement)
Wan Mohd Nooriman Wan Yahya (Arrangement)

ADVISORY COMMITTEE

Huailin Zhao, China
Zhongjie Long, China
Kamalraj Subramaniam, India
Paulraj Murugesu Pandiyan, India
Kouki Nagamune, Japan
Mbaitiga Zacharie, Japan
Abu Zaharin Bin Ahmad, Malaysia
Ali Chekima, Malaysia
Amir Akramin Shafie, Malaysia
Bakhtiar Affendi Rosdi, Malaysia
Kenneth Sundaraj, Malaysia
Khairul Salleh Bin Mohamed Sahari, Malaysia
Mohd Nasir Taib, Malaysia
Momoh Jimoh E. Salami, Malaysia
Ruzairi Abdul Rahim, Malaysia
Shamsudin Amin, Malaysia

SECRETARIAT

ICoMMS 2017 Secretariat,
School of Mechatronic Engineering,
Universiti Malaysia Perlis (UniMAP),
Pauh Putra Campus,
02600 Arau, Perlis, MALAYSIA.

Fax : +604-988 5167
Tel : +6019-229 8030
Email : icomms2017@gmail.com

Web site : <http://icomms.unimap.edu.my/>

CALL FOR PAPERS

OBJECTIVE

The **International Conference on Man Machine Systems (ICoMMS 2017)** provides a forum for presentation and discussion of the state of current research in Man-Machine Systems Engineering. It plays an important role in providing a platform for young researchers for mutual exchange of knowledge towards improving the academic, scientific and research programs. Papers relating to the general title of Man-Machine Systems are solicited especially including those in the areas of human system reliability, mechatronics, and man machine interactions. Other topics of interest for submission include, **but are not limited to:**

Circuits System and Automation

Intelligent Process Systems, System Integration, Vision servo drives, Visual Image processing, Digital Image Processing, Mechatronics, PLC, Micro controllers and Microsystems, Instrumentation, Control and Automation, Human interface, Human Information Processing, Networked Control Systems, Embodiment of Communication and action in robots, Neuroscience-inspired robots and Communication, Information management, Communication systems, Soft Computing and Control methods.

Robotics

Special Robotics Structures, Robot Applications, Robot sensors and actuators, Robot control, Autonomous Vehicles, Tele robots, Medical Robots, Robots for Disabled, Robots for space applications.

Artificial Intelligence Methodologies and Applications

Autonomous Agents, Man Machine Interfacing, Digital and analog control, Bio sensors and control, Data storage and retrieval, Tele-operation, Expert Systems, Image Processing, Gaze Emption Detection, Pattern recognition, Swarm Intelligence and technology, Architectures of Intelligent Systems, Hybrid Intelligent Systems, Systems Intelligence, Control of Intelligent Systems, Fuzzy Modeling, Computational and Optimization Techniques.

SUBMISSION OF PAPERS

Prospective authors are invited to submit their original unpublished work through EasyChair in PDF file, not later than **30 April 2017**. The full paper should be written in English and prepared as according to the format provided in the template. Further details about the paper format can be obtained from the conference home page: <http://icomms.unimap.edu.my>. The authors are requested to follow the steps below while submitting their paper:

- 1) Log in / register at EasyChair through the link:
<https://easychair.org/conferences/?conf=icomms2017>
- 2) Upload your full paper as prepared according to the template.
- 3) The process of review of all submitted papers will be completed by the experts in the respective areas of research of the papers. The reviewers' comments and submission guidelines will be sent to the corresponding authors through email.

PAPER ACCEPTANCE

All papers will be peer reviewed. Each accepted paper must be presented by one of the authors after paying the necessary registration fee. Only one paper will be allowed to be presented for each registration. Second paper from the same registered author will be charged at an additional registration fee. All accepted and presented papers will be published in a SCOPUS indexed journal, Journal of Telecommunication, Electronic and Computer Engineering (JTEC).

IMPORTANT DATES

Submission of Full Paper	30 April 2017
Notification of Acceptance	31 May 2017
Submission of Camera-Ready Paper	30 June 2017
Early Bird Registration	1 July 2017
Conference Date	21 - 22 August 2017