

IEA/AIE 2016
The 29th International Conference on Industrial, Engineering & Other
Applications of Applied
Intelligent Systems
August 2-4, 2016, Morioka, Japan

Workshop Call for Papers

IEA/AIE2016 Workshop on
Modelling and Simulation: Real World Applications in Engineering, Science and
Technology (MSRWAEST)

Content/Call for Papers

Modelling and Simulation techniques are well known in the research areas of engineering, science and technology. The current trends on application problems in engineering, science and technology are very popular among the researchers in the areas of modeling and simulation across the globe. This workshop focuses on the best and high quality selected papers on the following research topics. The well-known and new methodologies on modeling and simulation techniques have been used to solve some of the complicated and hard problems in the areas of engineering, science and technology.

This workshop will be open for interested authors in engineering, science and technology areas to submit their manuscripts. It would also cover the best papers all the research areas of mechanical engineering, petroleum engineering, electrical engineering, chemical engineering, civil engineering, chemistry, physics, mathematics, information technology and computer science. The workshop focuses on new development and contribution of the current research to the body of the knowledge in the areas of engineering, science and technology. Potential topics include, but are not limited to:

- Machine Learning, Data Mining , Knowledge Management, E-Learning, Computing, Visualizations
- Organic Synthetic Chemistry, Green Sustainable Chemistry, Hybrid Materials, Ultrasound, Micro Wave, Ionic Liquids
- High Temperature Degradation of Metals and Alloys, Hot Corrosion, Oxidation, Protective Coatings, Detonation Gun (D-Gun) Sprayed Coatings
- Wave Propagation, Nanomaterial, Nanotechnology, Hydrocarbon Prediction By Electromagnetic Waves, Enhance Oil Recovery.
- Controls, Vehicle Dynamics, Turbines, Robotics
- Solar Energy, Wind Energy, Other renewable energies, Energy Management, Energy Efficiency
- Jet Mixing, Active and passive flow control, Fluid flow in porous media
- Power Electronics, Electronics Optimization
- Thermal Systems, Economic Dispatch, Electrical Vehicles
- Soft Computing, Hybrid Methods, Holistic Optimization

Organizers

Pandian Vasant, Universiti Teknologi PETRONAS, Malaysia; pvasant@gmail.com

Vish Kallimani, Universiti Teknologi PETRONAS, Malaysia; knowvp@gmail.com
 Sujan Chowdhury, Universiti Teknologi PETRONAS, Malaysia; sujanyzu@gmail.com

International Programme Committee

Junzo Watada, Waseda University, Japan
 Vassili Kolokoltsov, University of Warwick, UK
 Gerhard Wilhelm Weber, METU, Turkey
 Shiferaw Jufar, Universiti Teknologi Petronas, Malaysia
 Nguyen Thang, Ton Duc Thang University, Vietnam
 Igor Tyukhov, Moscow State University of Mechanical Engineering, Russia
 Morteza Kalaji, Universiti Teknologi Petronas, Malaysia
 Michael Mutingi, Namibia University of Science & Technology, Namibia
 Mohammad Abdullah Al-Wadud, King saud University, Arab Saudi
 Subhash Kamal, Universiti Teknologi Petronas, Malaysia
 Ivano De Falco, National Research Council of Italy, Italy
 Gloria Phillips Wren, Layola University Maryland, USA
 Jean Leveque, Universiti Teknologi Petronas, Malaysia
 Dieu Ngoc Vo, HCMC University of Technology, Vietnam
 Bas Van Vlijmen, University of Amsterdam, Netherland
 Marek R Ogiela, AGH University of Science and Technology, Poland
 Jose Antonio Iglesias, Carlos III University of Madrid, Spain
 Rami Abielmona, University of Ottawa, Canada
 Hassan Soliemani, Universiti Teknologi Petronas, Malaysia
 Hayato Ohwada, Tokyo University of Science, Japan
 Denis Sidorov, Irkutsk State University, Russia
 Xueguan Song, Dalian University of Technology, China

Submission Important Dates

Paper submission due:	Jan 6, 2016
Notification of acceptance:	Mar 15, 2016
Final camera ready form:	Apr 15, 2016
Conference Date	Aug 2-4, 2016

Paper Submission

<http://conference.iwate-pu.net/pages/viewpage.action?pageId=720914>
<http://conference.iwate-pu.net/display/IEAAIE2016/Paper+Submission>
<https://cmt.research.microsoft.com/IEAAIE2015/Default.aspx>

You need to make the submission according the guidelines: <http://conference.iwate-pu.net/display/IEAAIE2016/Paper+Submission>

Select: **“MSRWAEEST” for submission**

Manuscripts for a workshop should NOT be submitted in duplication to any other regular or workshop and should be submitted by email to: Vish Kallimani: knowvp@gmail.com and Pandian Vasant: pvasant@gmail.com. Please mention the workshop name: MSRWAEST in your submission. All submitted papers of workshop undergo the same review process (two to three completed reviews per paper) in this conference.

The best selected papers will be published in the following journals:

International Journal of Computing and Optimization

<http://www.m-hikari.com/ijco/index.html>

International Journal of Energy Optimization and Engineering

<http://www.igi-global.com/journal/international-journal-energy-optimization-engineering/47187>

Global Journal of Technology and Optimization

<http://www.omicsonline.com/open-access/global-journal-technology-optimization.php>