

# Final Program

1<sup>st</sup> Conference on Science and Engineering  
for Instrumentation, Environment and Renewable Energy  
(ICoSE) 2015

“Science and Engineering for Enhancing Quality  
of Life and Ensuring a Better Future”

**28 – 29 September 2015**  
**Pekanbaru, Indonesia**

## Conference Chairs

Lazuardi Umar  
Joachim Wiest

## Editors

Akrajas A. Umar  
Kuwat Triyana



## Welcome Message from the Organizing Committee

### Foreword the Chairman of ICoSE 2015

Dear respected plenary speakers and contributed speakers.

Ladies and gentlemen, Welcome to Pekanbaru.

On behalf of the ICoSE 2015 Organizing Committee, it is our pleasure to welcome you to the 1st Conference on Science and Engineering for Instrumentation, Environment and Renewable Energy (ICoSE) 2015 to be held at the Hotel Pangeran Pekanbaru, Indonesia, September 28<sup>th</sup>- 29<sup>th</sup>, 2015. Prominent researchers and scientist from around the globe will assemble to share their latest research findings and exchange ideas regarding innovations in measurement systems, medical applications, and improvements to instrumentation for environmental analysis as well as selected topics in renewable energy. In addition, direct contacts made among researchers and scientists will foster new international relationships and spark future collaborative research projects. The conference is jointly organized by the University of Riau (UNRI) Indonesia, cellasys GmbH R&D and the Technische Universitaet Muenchen (TUM) Germany, has accepted **167** abstracts, **106** papers are going to be presented in the seminar.

Under the overall theme of “Science and Engineering for Enhancing Quality of Life and Ensuring a Better Future”, ICoSE’15 covers a wide range of topics, from Measurement Theory and Its Application to Intelligent Systems Instrumentation, from Electronic Materials for Bio to new approaches for materials characterization and computational materials science and topics for energy harvesting.

The Conference is organized into 3 topics areas: Measurement Systems and Sensor Technology, Electronic Materials and Devices and Renewable Energies. Under a tight peer-review process by at least two expert referees for each paper, selected papers will be published in Key Engineering and Materials of Scientific.net, which is a periodical indexed by Scopus.

We are grateful to Kementerian Riset, Teknologi, dan Pendidikan Tinggi, Direktorat Jenderal Pembelajaran dan Kemahasiswaan, University of Riau, cellasys GmbH, Faculty of Mathematics and Natural Sciences Universitas Riau, Indonesian Physical Society (HFI), IMEN UKM Malaysia for providing financing and technical supports to this seminar.

Finally, we would like to take this opportunity to thank also all the members of the organizing committee, all the authors, all the reviewers, and all the local volunteers for their effort and valuable support to make ICoSE 2015 a reality. Special thanks go to the ICoSE staff for their outstanding service.

**Once again, welcome to ICoSE 2015 and welcome to Pekanbaru!**



**Chairman**  
Lazuardi Umar  
University of Riau  
INDONESIA



**Co-Chairman**  
Joachim Wiest  
cellasys GmbH – TUM  
GERMANY



**Editor**  
Akrajas Ali Umar  
UKM Malaysia  
MALAYSIA



**Editor**  
Kuwat Triyana  
UGM Jogjakarta  
INDONESIA

## Keynote Speakers



Prof. Dr. Mohamad Deraman

School of Applied Physics  
FST Universiti Kebangsaan Malaysia  
MALAYSIA



Prof. Dr. Andriwo Rusydi

NUSNNI-NanoCore  
National University of Singapore  
SINGAPORE



Prof. Dr. Osamu Kozan

Center for Southeast Asian Studies  
Kyoto University  
JAPAN



Dr.-Ing. Joachim Wiest

cellasys GmbH  
Technische Universitaet Muenchen  
GERMANY

**ICoSE 2015**  
**TENTATIVE PROGRAMME**

**1<sup>st</sup> Day, Monday - September, 28<sup>th</sup> 2015: Main Event**

<b>Time</b>	<b>Activity</b>
07.00 - 08.00	Registration
08.00 - 08.30	Opening Ceremony
08.30 - 08.50	Keynote Speaker 1 Prof. Dr. M. Deraman UKM, Malaysia
08.50 - 09.15	Keynote Speaker 2 Prof. Dr. Osamu Kozan Kyoto University, Japan
09.15 - 09.30	Coffee Break & Poster Session
09.30 - 12.00	Parallel Session 1
12.00 - 13.00	Lunch
13.00 - 13.20	Keynote Speaker 4 Prof. Dr. Andrivo Rusydi National University of Singapore
13.20 - 13.45	Parallel Session 2 Keynote Speaker 3 Dr. Joachim Wiest Cellasys GmbH, Germany
13.45 - 16.45	Parallel Session 2
16.45 - 17.00	Closing Ceremony

**2<sup>nd</sup> Day, Tuesday - September, 29<sup>th</sup> 2015: City Tour in Pekanbaru**

## Monday, September 28<sup>th</sup>, 2015

### Ballroom BERTUAH I

Schedule	Authors	Title	Institution
09.30 - 09.45	Ahmad Fudholi	3-E (Energy-Exergy-Economic) Analysis of Greenhouse Solar Dryer with Heat Exchanger	SERI UKM Malaysia
09.45 - 10.00	Yosef Manik	Value Chain Analysis of Palm Oil Biodiesel through a Hybrid (ISO-Eco) Life Cycle Assessment Approach	Del Institute of Technology, Laguboti
10.00 - 10.15	Ahmad Fudholi	Exergy analysis of solar collectors: a review	SERI UKM Malaysia
10.15 - 10.30	Setyawan P. Sakti	Low Power Current Limiter for Low Energy Consumption for Solar Power Distribution	Brawijaya University
10.30 - 10.45	L. Roza	Effect of hexamethylenetetramine (HMT) concentration on the properties of Boron doped ZnO nanotubes array films and the performance of dye-sensitized solar cell (DSSC)	IMEN UKM Malaysia
10.45 - 11.00	M. Yahya	Economics Analysis of Solar Assisted Dehumidification System for <i>Centella Asiatica</i> L in Malaysia	SERI UKM Malaysia
11.00 - 11.15	Ahmad Fudholi	Performances analysis of solar collectors: a review	SERI UKM Malaysia
11.15 - 11.30	Kiman Siregar	Life Cycle GHG Emission and Energy Consumption for Production of Biodiesel Using Catalyst from Crude Palm Oil in Propinsi Aceh	Syiah Kuala University
11.30 - 11.45	M. Yahya	Energy Consumption of Solar Dryer with Dehumidification System for Pegaga Leaf	SERI UKM Malaysia
11.45 - 12.00	Ahmad Fudholi	Exergy Analysis of Hybrid Solar Dryer for Salted Silver Jewfish	SERI UKM Malaysia
LUNCH			
13.45 - 14.00	Mohd Hafidz Ruslan	Energy Analysis of hybrid solar dryer for salted silver jewfish	SERI UKM Malaysia
14.00 - 14.15	Tri Suyono	Performances of Solar Desiccant Drying System	Universitas Khairun Ternate
14.15 - 14.30	Hadyan Hafizh	Usage and Performance Assessment of Solar-Induced Wind Energy for Power Production in Indonesia	Kyoto University
14.30 - 14.45	Rado Yendra	Drying Models of Salted Silver Jewfish under Solar Drying System	SERI UKM Malaysia
14.45 - 15.00	Tri Suyono	Drying Kinetic and Protein Quality of Salted Silver Jewfish under Solar Drying System	SERI UKM Malaysia
15.00 - 15.15	Tri Suyono	Design and Experimental Investigation of Solar Desiccant Drying System	Universitas Khairun Ternate
15.15 - 15.30	Kamaruzzaman Sopian	V-Groove Solar Collector Installations for Drying Agricultural and Marine Products	SERI UKM Malaysia
15.30 - 15.45	Ahmad Fudholi	Performance of tracking photovoltaic system for Celcom telecommunication base station in Malaysia	SERI UKM Malaysia
15.45 - 16.00	Afdhal Kurniawan	Prototype of Salt Gradient Solar Pond as Alternative Energy Sources for Coastal Communities Bengkulu, Indonesia	University of Bengkulu
16.00 - 16.15	S.A.M. Samsuri	Comparative study of the properties of TiO <sub>2</sub> nanograss and TiO <sub>2</sub> -ZnO core-shell nanograss and their application in dye-sensitized solar cells (DSSCs)	IMEN UKM Malaysia

Schedule	Authors	Title	Institution
16.15 - 16.30	Nurhalim	Power Quality Problems on Solar Power Energy Generator	University of Riau

### Ballroom BERTUAH II

Schedule	Authors	Title	Institution
09.30 - 09.45	Triati DK Wungu	First Principles Calculations Study of Lithium-Montmorillonite for Humidity Sensor Application	Institut Teknologi Bandung
09.45 - 10.00	Abdul Rajak	Synthesis of Electrospun Nanofiber Membrane and Its Optimization for Aerosol Filter Application	Institut Teknologi Bandung
10.00 - 10.15	Titik Lestariningsih	Electrochemical Characterization of Libob Salt Synthesized from Technical and Analytical - Grade Materials as Electrolyte in $\text{LiFePO}_4/\text{Graphite}$ Cells for Lithium-Ion Battery Application	Indonesia Institute of Sciences (LIPI)
10.15 - 10.30	Fadli Rohman	Meso Carbon Micro Bead (MCMB) based graphitized carbon for negative electrode in lithium ion battery	Indonesia Institute of Sciences (LIPI)
10.30 - 10.45	Slamet Priyono	Substitution Local $\text{TiO}_2$ on the Synthesis of $\text{Li}_4\text{Ti}_5\text{O}_{12}$ for Anodes Lithium Ion batteries	Indonesia Institute of Sciences (LIPI)
10.45 - 11.00	Cuk Imawan	Biosynthesis of Silver Nanoparticles Using <i>Diospyros Discolor</i> Willd. Leaf Broth and Evaluation of Their Antimicrobial Activities	Universitas Indonesia
11.00 - 11.15	Athar Ali Shah	Synthesis of nano-strawberry $\text{TiO}_2$ structures with the aid of microwave inverter system, and increment in their absorption intensity with growth time.	IMEN UKM Malaysia
11.15 - 11.30	Fitri Yenni Naumar	Effect of Growth Position on ZnO Nanorod Properties and Photo Electrochemical Cell Performance	IMEN UKM Malaysia
11.30 - 11.45	N.A. Abdullah	Detection of Urea Using Surface- Enhanced Raman Spectroscopy Sensor Utilize Seed- Gold Nanoparticles	IMEN UKM Malaysia
11.45 - 12.00	Elvy Rahmi	Synthesis and Characterization of Bimetallic CuPt Nanoparticles	IMEN UKM Malaysia

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13.45 - 14.00	Zulkifli	Effect of Electrode Thickness on the Electrochemical Properties Of Binderless Activated Carbon Monolith from Rubber Wood Sawdust for Supercapacitor Application	University of Riau
14.00 - 14.15	Andang Sunarto	Numerical Simulation of Fractional Diffusion Equations Via Quarter-Sweep Gauss-Seidel Iterations	Universiti Malaysia Sabah
14.15 - 14.30	Kuwat Triyana	Improvement of Electronic Nose Performance to Differentiate Roasted Coffee Samples by Eliminating Drift Error of Patterns	Universitas Gadjah Mada
14.30 - 14.45	Antonius Rajagukguk	Photovoltaic Farm Optimization using DC to DC Converter Based on Artificial Intelligent Control	University of Riau
14.45 - 15.00	Lazuardi Umar	New Approach for Airflow Measurement Using Thermal Resistance Simulation	University of Riau
15.00 - 15.15	Martin Koch	Interaction of Dynamic Magnetic Fields with Magnetic Particles Immobilized at Lysosomes	Stetter Elektronik, Germany

Schedule	Authors	Title	Institution
15.15 - 15.30	Minarni	Experiment on Laser Speckle Imaging of Apples Using a CMOS Camera	University of Riau
15.30 - 15.45	Pratondo Busono	Improved Performance of Disposable Cholesterol Biosensor Based on Immobilization of Polyaniline and Cholesterol Oxidase	BPPT, Indonesia
15.45 - 16.00	Melany Febrina	Preliminary Study of Development of Gas Sensor Based on Acoustic Resonance	Institut Teknologi Bandung
16.00 - 16.15	Awitdrus	Cyclic Voltammometry of Binderless Activated Carbon Monoliths based supercapacitor from Mixtures of Pre-carbonized of Fibers of Empty Fruit Bunches and Green Petroleum Coke	University of Riau
16.15 - 16.30	Yusriwandi	Preparations and Characterizations of Hierarchical Macropore Activated Carbon Monolith Electrode from Rubber Wood for Supercapacitor Application	University of Riau

### BERTUAH 1

Schedule	Authors	Title	Institution
09.30 - 09.45	Nuning A. Putri	Compressive Load Effect on Electrical Properties of Carbon Composite	Institut Teknologi Bandung
09.45 - 10.00	Dwi Puryanti	Effect of Heating Temperature on Magnetic Properties of Fe <sub>3</sub> O <sub>4</sub> were Synthesized by Coprecipitation Method	Andalas University
10.00 - 10.15	Dede Djuhana	Synthesis of Silver Nanoparticles using <i>Diospyros blancoi</i> Leaf Extract and Mie Scattering Calculation	Universitas Indonesia
10.15 - 10.30	Dede Djuhana	Numerical Study of Silver Nanoparticles Coated Polyvinyl Alcohol (PVA) using Bohren-Huffman-Mie (BHMie) approximation	Universitas Indonesia
10.30 - 10.45	Ayi Bahtiar	Charge Carriers Motion in P3HT:Capped ZnO Nanoparticles Blend Films; Impact of Capping Agents	Universitas Padjadjaran
10.45 - 11.00	Christin Rina Ratri	Preparation and Characterization of PVdF-LiBOB-based Solid Polymer Electrolyte	Indonesia Institute of Sciences (LIPI)
11.00 - 11.15	Dahyunir	Effect of Aging Time and Heating Titanium Butoxide (C <sub>16</sub> H <sub>36</sub> O <sub>4</sub> Ti) on the Synthesis of TiO <sub>2</sub> Thin Films by Spin Coating Method	Andalas University
11.15 - 11.30	I Wayan Karyasa	Renewable Silica-Carbon Nanocomposite and Its Use for Reinforcing Synthetic Wood Made of Rice Straw Powders	Ganesha University of Education, Bali
11.30 - 11.45	Windri Handayani	Biosynthesis of Silver Nanoparticles Using <i>Pometia Pinnata</i> (L.) Leaf Broth	Universitas Indonesia
11.45 - 12.00	Faozan Ahmad	First Principle Calculation of Electronic, Optical Properties and Photocatalytic Potential of CuO Surfaces	Institut Teknologi Bandung

### LUNCH

13.45 - 14.00	Ratnawulan	Effect of Calcination Temperature on Phase Transformation and Particle size of Cupric Oxide (CuO) Powders Synthesized by the freeze-dried Process	Padang State University (UNP)
14.00 - 14.15	Nurhayati	Preparation and Characterization of Calcium Oxide Heterogeneous Catalyst Derived from <i>Anadara Granosa</i> for Biodiesel Synthesis	University of Riau
14.15 - 14.30	Erfan Handoko	Effects of Co and Ti substitution on the magnetic properties of nanocrystalline	State University of Jakarta (UNJ)

		BaFe <sub>12</sub> O <sub>19</sub> ferrite	
14.30 - 14.45	Zulkarnain Jalil	The role of SiC and Ni on the desorption temperature of Mg-based hydrogen storage materials prepared by reactive milling method	Syiah Kuala University
14.45 - 15.00	Amun Amri	Solar Absorptance and Thermal Emittance of Nitrate Based Copper Cobalt Oxide Coating Synthesized via Sol-Gel Dip-Coating Method	University of Riau
15.00 - 15.15	U.K.N. Din	Composition-dependent Photoluminescence Properties of Nanocomposite Poly (9,9-di-n-hexylfluorenyl-2,7-diyl) - Perovskite Oxide Nanoparticle, SrTiO <sub>3</sub>	IMEN UKM Malaysia
15.15 - 15.30	Norhayati Abu Bakar	Treatment on the quartz surface for high coverage of triangular silver nanoplates	IMEN UKM Malaysia
15.30 - 15.45	Siti Khatijah Md Saad	Novel Direct Synthesis of Potassium Doped [001] Anatase TiO <sub>2</sub> Nanograss on ITO Substrate using Alternative Titanium Fluoro Cation	IMEN UKM Malaysia
15.45 - 16.00	Yanuar Hamzah	SnSe Thin Films Grown by Close Spaced Vapor Transport	University of Riau
16.00 - 16.15	Erwin	Transmission Electron Microscopy Study of Magnetic Domain of Cobalt-Samarium Thin Films Fabricated Using DC Magnetron Sputtering Technique	University of Riau
16.15 - 16.30	Rakhmawati Farma	Galvanostatic Charge-Discharge of Carbon Based Supercapacitor Cells using Etched Stainless Steel Current Collector	University of Riau

## BERTUAH 2

Schedule	Authors	Title	Institution
09.30 - 09.45	Anita Susilawati	Development of a FAHP Algorithm based Performance Measurement System for Lean Manufacturing Company	University of Riau
09.45 - 10.00	Lovely Son	Evaluation of TLCD Damping Factor from FRF Measurement due to Variation of the Fluid Viscosity	Andalas University
10.00 - 10.15	Didi Istardi	Control of PMS Machine in Small Electric Karting to Improve the output Power	Politeknik Negeri Batam
10.15 - 10.30	Meifal Rusli	Application of Short Time Fourier Transform and Wavelet Transform for Sound Source Localization using Single Moving Microphone in Machine Condition Monitoring	Andalas University
10.30 - 10.45	Faisal Mahmuddin	On the Use of an Arduino-based Controller to Control the Charging System of a Wind Turbine	Hasanuddin University, Makassar
10.45 - 11.00	Pramudya	A Study Into The Development of More Energy Efficient and Less Polluted Fishing Vessel	ITS Surabaya
11.00 - 11.15	Sigit Sutikno	Integrated Remote Sensing and GIS for Calculating Shoreline Change in Rokan Estuary	University of Riau
11.15 - 11.30	Azridjal Aziz	Experimental Investigation of Thermoelectric Cooler with Variation of Input Power and Cooling Load	University of Riau
11.30 - 11.45	Fitri Yuli Zulkifli	Left-Handed Metamaterial Structure for Side Lobe Suppression of Microstrip Array Antenna	Universitas Indonesia
11.45 - 12.00	Mohamad Hanif Md Saad	Room Searching Performance Evaluation for the JagaBot™ Indoor Surveillance Robot	Universiti Kebangsaan Malaysia



LUNCH			
13.45 - 14.00	Mohamad Hanif Md Saad	Design and Implementation of SMS Based Anomalous Event Mitigation Process For Complex Event Processing Application	Universiti Kebangsaan Malaysia
14.00 - 14.15	Faisal Mahmuddin	Comparison of Remotely Sensed Wind Data over Sulawesi and Maluku Sea Areas	Hasanuddin University, Makassar
14.15 - 14.30	Ahmad Fudholi	Modified Page Model of Solar Drying of Seaweed	SERI UKM Malaysia
14.30 - 14.45	Reni Suryanita	The Application of Artificial Neural Networks in Predicting Structural Response of Multistory Building in Region of Sumatra	University of Riau
14.45 - 15.00	M. Farid	Microseismic Wave Measurements to Detect Landslides in Bengkulu Shore with Attenuation Coefficient and Shear Strain Indicator	Bengkulu University
15.00 - 15.15	Juandi M	Quantitative Model of Safe Zone Unconfined Aquifer in Pekanbaru	University of Riau
15.15 - 15.30	Hendery Dahlan	The Critical Loading Measurement of Pineapple Leaf Fibre Reinforced Polyester Composite Using Three Point Single Edge Notched Beam (SENB) Testing	Andalas University
15.30 - 15.45	Harnedi Maizir	Neural Network Model for Prediction on Friction Capacity of Single Driven Pile	Sekolah Tinggi Teknologi Pekanbaru
15.45 - 16.00	Ahmad Fudholi	Activation Energy of Thin-Layer Drying Kinetics of Onion ( <i>Allium cepa</i> L.)	SERI UKM Malaysia
16.00 - 16.15	Iwantono	Boron doped ZnO nanotube growth by precursor concentration ratio variation and effect for dye sensitized solar cells	University of Riau

### BERTUAH 3

Schedule	Authors	Title	Institution
09.30 - 09.45	Suryani Dyah Astuti	Photodynamic Effect of LED Exposure Influenced by Electromagnetic fields on Escherichia coli Bacteria Cells	Universitas Airlangga
09.45 - 10.00	Imron Rosadi	Low Energy Consumption Wireless Sensor Network for multipoint humidity and temperature measurement	Brawijaya University Malang
10.00 - 10.15	ND. Nawi	Numerical Studies On Pinching Radiuseffects To Current Densities Of Nx2 Plasma Focus	Universiti Teknologi Malaysia
10.15 - 10.30	H. M. Hairi	Effect of Input Amplitude to Power Amplification in Different Orientation of Ring Resonator	Universiti Teknologi MARA Johor, Malaysia
10.30 - 10.45	Dedi Irawan	Improvement of Coupling Power Parameters for High Accuracy Coupling Ratio of Weakly Coupled Fiber	UIN Suska Riau
10.45 - 11.00	Benriwati Maharmi	Performance of OFDM-Based WiMAX System Using Cyclic Prefix	Sekolah Tinggi Teknologi Pekanbaru
11.00 - 11.15	Eddy Hamdani	analysis partial discharge location in transformator by acoustic emission	University of Riau
11.15 - 11.30	Didik Puji Sutriyono	Comparison of Fabry – Perot Filter of Fiber Bragg Grating for Visible and Ultraviolet Spectra	University of Riau
11.30 - 11.45	Siti Nurul Khotimah	Predicting the Motion of an Intruder in a Vertically Vibrated 2D-Granular-Bed using Point Contacts Approximation	Institut Teknologi Bandung

Schedule	Authors	Title	Institution
11.45 - 12.00	Widayani	Binary Composite Fiber Elasticity using Spring-Mass and Non-Interacting Parallel Sub-Fiber Model	Institut Teknologi Bandung
LUNCH			
13.45 - 14.00	Zulfahrizal	Diffuse Reflectance Infrared Fourier Transform Spectroscopy as A Rapid and Non-destructive Measurement for Moisture and Fat Content of Intact Cocoa Beans	Syiah Kuala University
14.00 - 14.15	Agus Arip Munawar	The application of near infrared technology combined with chemometrics as a rapid and non-destructive tools for quality attributes measurement of intact mango	Syiah Kuala University
14.15 - 14.30	Kusminarto	Sinogram Restoration for Sparsh Projections Applied to Noisy Data in Ultrasound Tomography	Universitas Gadjah Mada
14.30 - 14.45	Gurum Ahmad Pauzi	Color classification using Entropy Algorithm in Real Time Color Recognition System for Blindness People	University of Lampung
14.45 - 15.00	Warsito	Analysis of the time difference between sending and receiving messages on a real time data acquisition system using SMS gateway	University of Lampung
15.00 - 15.15	Ismail Abdullah	On the Coverage Area for Energy-Efficient Problem in Wireless Sensor Network	Universiti Sains Islam Malaysia
15.15 - 15.30	Ari Sandhyavitri	Early Warning Systems for Underground Peatland Fire Hazards Based On Heat Sensors and Wireless Technologies	University of Riau
15.30 - 15.45	Rahmadi Kurnia	Efficient Mixer in Baking "Galamai" Process by Using Camera Sensor	Andalas University
15.45 - 16.00	Mitra Djamal	Preliminary Study of Double Beta Decay: Simulation of CaMoO <sub>4</sub> Scintillation Detector Response Function to the Gamma Ray Radiation	Institut Teknologi Bandung,
16.00 - 16.15	Eko Satria	Zero Crossing Method Frequency Estimation for Levitation Mass Method Data Processing	Institut Teknologi Bandung
16.15 - 16.30	Zannuraini	Development of Digital Scale Based on Fluxgate Sensor	Institut Teknologi Bandung
16.30 - 17.00	Danang Lelono	Effect of Sample Holder Temperature on Tea Classification of an inexpensive Arduino-Based Electronic Nose	Universitas Gadjah Mada

**Poster  
Lobby Ballroom BERTUAH**

Authors	Title	Institution
Rahmi Dewi	Preparation of BST thin film capacitors by sol-gel process for distance sensor	University of Riau
Aidhia Rahmi	Characteristic of Soil Clay Mineral by XRD, XRF and FTIR	Sekolah Tinggi Keguruan dan Ilmu Pendidikan (STKIP) PGRI

## **Presentation Guideline**

### **Oral Presentation**

Please note that the time allowed to each oral presentation is 15 minutes including questions and answers. Power point slides for presentation on a LCD video projector are recommended. Oral presentation rooms will be equipped with following items:

- Notebook computer running Windows operating system, MS Office 2007, Acrobat Reader 8.0
- An LCD Projector

We recommended that presenters bring their presentation file in a format compatible with one of the above applications, and stored in a USB thumb drive (flash disk). Note:

- AC Voltage is 220 V in Indonesia
- The connector from the LCD projector to your computer is limited to D-sub 15 pin male connection

### **Poster Presentation**

You will be provided with a poster board to mount/display your poster. Tape will be provided to attach your posters to your assigned posterboard. The maximum permitted dimensions for your paper poster is A1 size. Poster **MUST** be in Portrait format. Your poster code will be indicated on the board. Please note the width of poster board may not be exceeded under any circumstances. You will be provided with the material to mount your poster on to board.

**Attendees must wear their badges at all times to gain access to the conference.**

### **Author No Show Policy**

ICoSE2015 enforces a “no show” policy. Any accepted paper included in the final program is expected to have at least one author attend and present the paper at the conference. Authors of the accepted papers included in the final program who do not attend the Conference will be subscribed to a “No Show List.”