

3RD IET INTERNATIONAL CONFERENCE ON CLEAN ENERGY AND TECHNOLOGY (CEAT) 2014

Sarawak Malaysia CALL FOR PAPERS

24-26 NOVEMBER 2014

CALL FOR PAPERS

The CEAT 2014 accepts original theoretical and applied papers on all aspects of renewable energy and clean technology. Particular interest is concentrated on the latest issues and developments in renewable energy generations and its associated engineering fields.

RESEARCH THEMES

• Renewable And Sustainable Sources

Solar Energy, Geothermal, Ocean and Tidal Energy, Wind Energy, Biomass, Hydro Energy, Biofuel, Hydrogen Energy.

• Smart Grid

Distributed Resources and Micro-grids, Electronic Transformers, FACTS, HVDC, Renewable Energy Integration, V2G-G2V, Smart Metering System, Communication and Encryption in Power System, Automation and Control in Power System, Sensing Technologies, Grid Management.

• Power System

Power System Control, Power Quality, Recent Trends in Power Generation, Power System Protection, Sub-Station Design, Safety in Power System Operation, Maintenance and Control, High Voltage Engineering, Power System Analysis (Stability, transient...etc.)

• Energy Conversion

Solar Thermal, Heat Utilization, Combined Heat and Power (CHP), Cogeneration, Electric Machinery, Process Modelling and Simulation, Environment Protection, Applications of Nanotechnology, Waste treatment and recycling.

• Photovoltaic Technologies

Solar Cell Materials, PV Monitoring, Solar Cell Efficiency, Emerging Materials, Concentrated PV.

• Low-Energy Building and Architecture

Sustainable Building Technologies, Intelligent Buildings, Environmental Assessment in Buildings, LED Lighting Systems, Energy Distribution, Storage and Recovery.

• Energy Policy and Efficiency

Energy Management, Energy saving, Energy Conservation, Social Aspects, Economical Aspects.

• Energy System

Converter techniques and topologies, MPPT, Grid-Connected System, Stand-Along System, Hybrid System, Solar Tracker, Power devices and components, Harmonic analysis and compensations.

• Energy Storage

Converter Battery Management, Battery Technology, Fuel Cells, Ultra capacitor, Battery Charger.

• Electrical Machines and Drives

Generator and Motor Design, Drive Control Technique, Intelligent Transportation System, Adaptive Signal Processing, Embedded System, Control Strategy, Energy Efficient Vehicle.

IMPORTANT DATES

Final Paper Submission Deadline	- 10th August 2014
Notification of Acceptance	- 1 st Sept 2014
Final Submission	- 15 th Sept 2014
Conference Date	- 24 th -26 th Nov 2014

*All accepted papers will be processed to be included in IET Digital Library and IEEE Xplore.

ADVERTISEMENT OPPORTUNITIES

For advertisement and sponsorship enquiries, please contact:

Secretariat.ceat2014@gmail.com

CONFERENCE WEBSITE

For more information and latest updates on CEAT 2014, please visit:

<http://umconference.um.edu.my/ceat2014>

ORGANIZED BY:



CO-ORGANIZED BY:

Malaysia Technical University Network (MTUN)



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SARAWAK CULTURAL VILLAGE

Known as the 'Living Museum', the Cultural Village was set up to preserve and showcase Sarawak's cultural heritage. Located at Pantai Damai, Santubong, just 32 km from the state capital, Kuching, it is the perfect place to get introduced to local culture and lifestyle.

ANNAH RAIS LONGHOUSE

Annah Rais Longhouse is a Bidayuh Settlement about 40 km from Kuching, at the foothill of Borneo Highland near the mountains marking the border to Kalimantan. Other than the authentic longhouse experience, it is also famous for the hot springs nearby.



CAT MUSEUM

The Cat Museum is located on the Ground Floor of the Kuching North City Hall Headquarters Building at the Bukit Siol, Jalan Semariang, Petra Jaya, Kuching, Sarawak. There are 2000 exhibits, artefacts, statues about cats from all over the world.



MATANG WILDLIFE CENTRE

As part of Kubah National Park, it houses endangered wildlife in large enclosed areas of rainforest or spacious cages, just 22 km from Kuching. The main attraction is the orang-utan adoption programme, where young orang-utans, who were either orphaned or rescued from captivity, are taught how to survive in the wild.

GUNUNG GADING NATIONAL PARK

Gunung Gading National Park ensures that visitors will get the best opportunities to view the flowering Rafflesia without causing any damage to the young buds and other flora in the surrounding area. About 91 km from Kuching.



BAKO NATIONAL PARK

A National Park since 1957, Bako offers the perfect introduction to Sarawak's forests and wildlife. The park covers the northern tip of the Muara Tebas peninsula, an area of 27 sq km. Despite its seemingly small size, Bako contains a wide range of vegetation - swamp forest, scrub-like padang vegetation, mangrove forest, dipterocarp forest, delicate cliff vegetation and more.

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Sarawak, Malaysia

CEAT 2014 will be held in Kuching, Sarawak. Sarawak is home to an incredible range of tropical bio-diversity, which is also where you can get all of Mother Nature's glory in one place. From its beautifully untouched pristine beaches to its uncharted and mystical wildlife, Sarawak offers you more than just a destination. When knowledge meets culture, it's an experience!

ORGANIZED BY:



UM Power Energy Dedicated Advanced Centre (UMPEDAC) was established in 2000 in University of Malaya to specialize in power and energy related fields. Under the fine leadership of its founder, Prof Dr Nasrudin Bin Abd Rahim, UMPEDAC has grown rapidly over the years. From 2009, UMPEDAC has been consistently recognized as a Higher Institution Centre of Excellence (HiCoE) by the Malaysian Ministry of Higher Education. The core businesses of UMPEDAC include conducting high impact research (comprising of fundamental research, develop lab-scale prototype and commercialize the final product), offering consultancy services to the power and energy industry, organizing technical courses and trainings as well as training post graduate students (PhD and M.Phil.) through taught courses and research projects.



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