

Jamaica Institution of Engineers

ENGINEER'S WEEK 2018 CONFERENCE



CALL FOR PAPERS

The Jamaica Institution of Engineers, **JIE Engineers' Week 2018 Conference** will be held from **Monday, September 17-Friday, September 21, 2018**, in Kingston, Jamaica under the theme; **"Engineering our Future through Celebrating our Heritage"**.

The **JIE Engineers' Week 2018 Conference** is aimed at providing a platform for engineers, researchers, architects, planners, academicians and industry professionals to share, promote and discuss new ideas, concepts, innovations and developments in engineering and related fields.

The Jamaica Institution of Engineers (Civil, Electrical, Mechanical and Aeronautical, Agricultural, Chemical & Industrial Divisions) are pleased to invite papers relevant to the theme and additional areas of interest which include but are not limited to the following;

- Liquefied Natural Gas
- Renewable Energy
- Waste Heat Recovery Systems
- Wind Power Feasibility
- Waste to Energy Systems
- Green Energy for Maritime Ports
- Turbines & Micro Turbines
- LED & LEP lighting
- Reduction of Vehicle Emissions
- Energy Efficiency and Conservation
- Power Systems
- Power Electronics
- High Voltage Engineering
- Logistics and Supply Chain Management
- Total Quality Management and Quality Engineering
- Artificial Intelligence and Expert Systems
- Energy Conservation, Renewable Energy Techniques
- Fluid Dynamics, Bio-fuels and Fuel Cells
- CAD/CAM, Automation & Robotics
- Building Information Modeling
- Telecommunications & Networking
- Cyber security, Embedded Systems,
- The Business of Engineering in Jamaica
- Development of Harbours, Marinas, Ports, and Dry Docks.
- Traffic Congestion Management
- Intelligent Transport Systems
- Climate Change Adaptation
- Disaster Vulnerability Reduction
- Sea Defense & River Training
- Engineering Ethics
- The Jamaica National Building Code
- Business in Jamaica Current Road Design Maintenance and Repair Practices
- Sustainable Roads
- The Need for Road Design and Safety Standards for Jamaica
- Building Intelligent Buildings
- Green Construction
- ISO 9001 Certification Process Benefits
- Earthquake Resistant Design Practices
- Mining Engineering/Oil & Gas Exploration/Geoscience
- Reliability and Maintenance Engineering
- Hazard Mitigation
- Hazard Mapping and Risk Assessment
- Construction Project Risk Sharing
- Contract Administration and Management
- Insurance and Risk Reduction
- Manufacturing and the Cost of Electricity
- Design and Operation of Manufacturing Systems
- Revitalizing the Manufacturing and Agro Processing Industry
- Implementing Preventative Maintenance Management Programmes
- Health, Safety & Environment
- Irrigation, Water Resources & Management

Abstracts of not more than 300 words should be submitted for consideration by the deadline July 31, 2018, to the JIE Conference Committee at 9 Leinster Road or by email to jiengweek@gmail.com. Abstracts should be in English and contain a title, author's name and full contact detail(s). Successful authors will be notified by August 17, 2018 and will be required to submit an electronic copy of the paper (not exceeding 10 pages) along with a passport size photograph and a resume or a brief biography, including affiliation. Full papers should be submitted no later than August 27, 2018. Papers should focus on applied research, case studies and lessons learnt. *Full papers will be posted on the JIE Conference website after the Conference.*

Jamaica Institution of Engineers
9 Leinster Road
Kingston 5, Jamaica
E-mail: jie@cwjamaica.com
Tel: (876) 754-4679, 908-3548
Fax: (876) 908-3551



JIE Engineer's Week 2018: jiengweek.com