Call for Papers

Debre Markos Institute of Technology

The 1st National Conference on

Advancements of Science and Technology for Sustainable Development (ASTSD-19)

June 1-2, 2019

Debre Markos Institute of Technology is pleased to announce its 1st National Conference under a main theme "Advancements of Science and Technology for Sustainable Development" to be held on June 1 & 2, 2019 at Debre Markos, Ethiopia. The objective of this conference is to create a platform where experts from academia, research institutes, industry and the government come together to discuss on the role of advancements of science and technology for sustainable development. Therefore, all interested researchers are invited to submit their completed research papers falling under the following thematic areas:

Thematic areas of the conference

Theme 1: Electrical, Electronics and Computing Technologies

- ✓ Electrical Power Systems & Renewable Energy
- ✓ Electronic Communication Engineering& Wireless Technology
- ✓ Control Systems, Automation and Robotics
- ✓ Wireless Sensor Networks & Ad hoc networks
- ✓ VLSI and Embedded Systems
- ✓ Digital Signal Processing
- ✓ Mobile & Cloud Computing
- ✓ Network & Cyber security
- ✓ Artificial Intelligence, Machine Learning & Expert Systems
- ✓ Web Technologies & Electronic Systems
- ✓ Image Processing & Multimedia
- ✓ Big Data & Internet of Things (IoT)
- ✓ Natural Language processing
- ✓ High performance Computing Architecture
- ✓ Software Modeling, Integration and Testing

Theme 2: Advances in Mechanical and Industrial Engineering

- ✓ Product Design, Development and Optimization
- ✓ Progresses in farm Machinery
- ✓ Energy Science and Technology
- ✓ Green and Sustainable Technologies
- ✓ Thermal systems Design and Optimization
- ✓ Computational Fluid Dynamics
- ✓ Control and Dynamics of Mechanical Systems
- ✓ Human centered design and ergonomics
- ✓ Maintenance engineering and reliability analysis
- ✓ Materials processing & manufacturing
- ✓ Advancement in quality and safety engineering
- ✓ Production logistics, Supply Chain Design and Management
- ✓ Product Quality Management Systems and Productivity Improvement Mechanisms

Theme 3: Water Resources Engineering and Construction Technologies

- ✓ Construction Materials & Management
- ✓ Architecture & Urbanism
- ✓ Structural Systems Design and Optimization
- ✓ Transportation Engineering
- ✓ Geotechnical Engineering
- ✓ Remote sensing and Application of GIS
- ✓ Soil Erosion, Reservoir and Watershed management
- ✓ Irrigation and drainage Engineering
- ✓ Water supply, Environmental Monitoring and Risk Assessment
- ✓ Water Resource Development, Planning, Assessment and Modeling
- ✓ Water Quality and Waste Water Treatment

Important Deadlines

- Abstract Submission: April 01
- Notification of Abstract Acceptance: April 15
- Full Paper Submission: April 20
- Notification of Final Acceptance: May 15
- Conference Dates: June 1 and 2, 2019

Notes

Submit your paper on:
http://www.dmu.edu.et/technology/national_conference and dmitnationalconference@gmail.com

Contact for queries:

Dr. Arega Mulu Phone: +251989861224
Mr. Addisu Dagne Phone: +251913260107