*CALL FOR PAPERS**

2020 IEEE Green Technologies Conference

Sheraton Downtown, Oklahoma City, OK, USA, April 1-3, 2020

www.ieeegreentech.org

The Institute of Electrical and Electronics Engineers (IEEE), Region 5 and Oklahoma City Section are pleased to host the 12th annual Green Technologies Conference. The conference aims to bring together scholars from different disciplinary backgrounds to emphasize dissemination of ongoing research in the fields of green technologies. Contributed papers are solicited describing original works in these fields and related technologies. The conference will include a peer-reviewed program of technical sessions, poster sessions, and business application or industrial sessions. Accepted and presented papers from the tracks below will be published by IEEE Xplore Digital Library. Extended version of best papers may be considered for reputed Journal or Book publication.

Energy Generation & Storage Technologies

- Nuclear and the Environment | Wind Power
- Solar Energy | Economic Water Consumption
- Hydrogen, Fuel cells, Energy Carriers
- Energy Harvesting | Biofuel Generation
- Geothermal Power | Biomass Energy
- Energy or Electric Storage | Energy Recycling
- Combustion Fuels and Renewable Sources
- Uninterruptible Power Supply

Energy Usage Reduction and Conservation

- Energy Management | Innovative HVAC
- Energy Efficient Cooling Infrastructure
- Power Quality and Filtering Techniques
- Planning and Forecasting | Efficient Power
- Home and Commercial Automation
- HVAC Energy Savings | Efficient lighting
- Energy System Operational Strategies
- Advanced Metering Infrastructure

Architectural and Engineering Sustainable Designs

- Strategies for Sustainability
- Performance Evaluation
- Green Building Components
- Green Systems Management
- Efficient Circuit Design for Energy Harvesting
- Ergonomics and Sustainability
- Building and Low Environmental Impact
- Sustainable Building Design and Construction

Environmental, Legal, Social, Economic, and Political Impacts

- Emerging Standards
- Renewable Energy Sources
- Carbon footprints and Metering
- Reduced Carbon Emission
- Regulatory Issues and Standards
- Safety and Protection of the Environment
- Technologies for Developed Countries
- Technologies & Issues for Emerging Countries
- Spill Prevention and Control
- Deregulation and Electric Power Market
- Climate Change | Ecosystem Monitoring
- Green Business Practices
- Environmental Pollution Issues

Smart Systems and Smart Infrastructures

- Smart Construction | Smart City
- Grid Modernization | Smart Vehicle
- Digital Communication and Control
- Evolution of Renewable Energy
- Integration of Renewable Energy
- Reduction of Emission Energy Sources
- Smart Grids and Microgrids
- Smart Meters | Smart Appliances
- Internet of Things and Sustainability
- Smart Energy Management Systems
- Smart Urban Development
- Intelligent Transportation Systems
- Smart Manufacturing and Factory
- Unmanned Aerial Systems and Sustainability

Sustainable IT, Computing & Software Engineering

- Sustainable Software Engineering
- Processes for Green Software Engineering
- IT de-Manufacturing | Disaster Control
- Legitimate IT Recycling | Sustainable Software
- Energy Efficient IT solutions & Algorithms
- Green Software Design/Development
- Energy Efficient Algorithms
- Sensor Networks Usage | Sustainable Big Data
- Network Concepts | Efficient Data Centers
- Climate and Disaster Monitoring
- AI & Expert Systems for Sustainability
- Optimization techniques for energy applications

Biomedical & Biotechnology

- Digital Health & Wellness
- Advances in the Pharmaceutical Industry
- Advances in Imaging
- Environmental Protection
- Portable Medical/Biomedical Devices
- Chemical/Agro-Chemical Safety
- Devices for Disabled/Handicapped

Radar, Weather Forecasting, Water & Sanitation

- Forecasting Techniques and Predictions
- Weather Analysis | Life and Property Protection
- Societal impacts of weather | climate monitoring
- Weather Accessibility and Understandability
- Water Systems and Sustainability
- Sanitation and Water supply

Technical Research & Industry Contribution

***Full Paper*:** Accomplished research results (6 pages)
***Short Paper*:** Work in progress/fresh developments (3 pages)
***Poster/Demonstration*:** Displayed at the conference (1 page)

Corporate Showcase & Exhibition

***Booth*:** Display product and/or service offerings (1 page)
***Oral*:** Present product and/or service offerings (1 page)

Student Poster & Career Fair

***Graduate & Doctoral*:** Peer-reviewed Poster (1 page)
***Undergraduate/High School*:** Selected Poster (1 page)
***Recruiter Booth*:** Product/Service & Job offerings (1 page)

Workshop, Tutorial, Forum & Panel

***Workshop, Tutorial & Tour*:** Proposal (1 page)
***Executive Forum, Panel & Talk*:** Proposal (1 page)

Important Submission Dates (Notification)

Workshop Proposal: **Feb 16 (Feb 29)**
Technical Paper: **Feb 16* (Feb 29*) or Jan 19 (Feb 09)**
Tutorial|Forum|Panel|Talk: **Feb 29 (Mar 08)**
Graduate|Doctoral Poster: **Feb 29 (Mar 08)**
Technical Paper Camera Ready: **Mar 01 or Mar 15***
Student Poster|Showcase|Recruiter: **Feb 29 (Mar 08)**
***Extension due to Numerous Requests**

Contacts:

General Conference Chair: Robert Scolli (r.scolli@ieee.org)
Industrial Program Chair: Ryan Musgrove ryan.musgrove@ieee.org
Technical Program Chair: Pierre Tiako, PhD (tiako@ieee.org)

Proposal Submission

easychair.org/conferences/?conf=gt2020