

# ICGEA 2019

## 第三届绿色能源与应用 国际会议

中国·山西·太原  
太原理工大学

2019年3月16-18日

### 会议论文集

ICGEA 2019 录用并完成注册的文章将收录到IEEE会议论文集, 并由 IEEE Xplore 收录, Ei Compendex, Scopus 等知名数据库检索。

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### 会议历史

ICGEA 2017: 3月 25-27日, 新加坡

IEEE出版 (ISBN: 978-1-5386-3984-9)

ICGEA 2017 论文集已成功被Ei Compendex 和Scopus 数据库检索。

ICGEA 2018: 3月24-26日, 新加坡

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### 联系方式

Joy X. C. Xu (许女士)

icgea@young.ac.cn

+86-28-8777-7577

### 主办



### 技术支持



Energy Research Institute @ NTU

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## 征稿主题 (包含但不限于)

- Role and future of electric vehicles in smart grids
- Green Industrial Technology
- Green Energy in Transport
- Advance biofuel for a sustainable heavy-duty transport and aviation
- Biofuels in developing economies
- Hybrid vehicles and its integration
- Green Buildings and Infrastructures
- Energy efficiency in building designs and management
- Sustainable materials for buildings
- Integration of renewable energy sources in buildings
- Greening Urbanization and Urban Settlements
- Rapid urbanization and energy-environmental implications
- Settlement forms and functions and energy
- Low carbon city scenarios, plans and actions
- Green Policies and Programmes
- National bioenergy programmes: economic, political and social issues
- Bioenergy supply management strategies
- Mainstreaming low-carbon innovations
- MDGs and Green Energy
- Income generation with green energy
- Greening the Fossil Fuels
- Sustainable coal use and clean coal technologies
- Natural gas research and development
- Carbon and Methane capture, storage and utilization
- Renewable Energy for Power and Heat
- Green Power
- Wind energy
- Hydropower
- Energy and Water
- Energy and Health
- Solar thermal and photovoltaics
- Biomass
- Geothermal energy
- Electric Power Generation, Transmission and Distribution
- Power system economics, operation and control
- Microgrid and active distribution network management
- FACTS and HVDC controllers
- Protection, reliability, and restructuring of power systems
- Smart Grid and Renewable Energy Integration
- Transformation of power grids to smart grids
- Regulatory policies and program