



# CALL FOR PAPERS

**ICGCS 2021**  
**Sep 16-17, 2021**  
**Amsterdam, The Netherlands**

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICGCS 2021 : International Conference on Grid-Connected Systems is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Grid-Connected Systems. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Grid-connected systems  
Power electronics and control in grid-connected systems  
Grid connected system with batteries and battery storage  
Grid-connected photovoltaic systems  
Grid-connected renewable energy systems  
Ecodesign of grid-connected systems  
Grid-connected solar electric systems  
Performance analysis of grid-connected systems  
Performance parameters for grid-connected systems  
Single-phase grid-connected systems  
Technical impacts of grid-connected systems on electrical networks

Synergetic control of grid-connected systems  
Cost and performance trends in grid-connected systems and case studies  
Modelling, control and design of grid-connected solar photovoltaic systems  
Analytical monitoring of grid-connected systems  
Storage size determination for grid-connected systems  
Power fluctuation minimization in grid-connected systems  
Potential problems associated with high penetration levels of grid-tied photovoltaic systems  
Grid-connected inverters—control types and harmonic performance  
Islanding detection methods  
Performance and reliability of inverter hardware