



# CALL FOR PAPERS

**ICSPPS 2022**  
**Jul 12-13, 2022**  
**Ottawa, Canada**

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.

ICSPPS 2022 : International Conference on Solar Power and Power Systems is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Solar Power and Power 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:

Solar power and power systems  
Integration of solar power into power systems  
Project experiences related to grid connection  
Smart grids and solar power  
Experiences with large-scale integration of solar power into power systems  
IT technology for the integration of solar power  
Solar power monitoring and prediction systems  
Modeling of inverters and solar power plants for system integration studies including methods of testing and verification of compliance with requirements, and technologies (on grid side and power plant side) to facilitate integration  
Power balancing methods and solutions, e.g. balance markets, to manage solar power variability in power systems

Evaluation of rules and mechanisms for integrating solar power in electricity markets  
PV/CSP system models for interconnection and planning studies  
State-of-the-art solar resources forecasting and opportunities for improvement  
Solar integration study methodologies and data requirements  
Modeling solar power plant output variability and assessing the impacts  
PV/CSP integration study experiences  
Interconnection standards for solar systems, solar system models for system planning and interconnection studies  
Solar power plant performance for plant operation and interconnection with the grid  
Solar energy and storage systems integrated solutions