



CALL FOR PAPERS

ICCSMP 2022
May 03-04, 2022
Rome, Italy

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.

ICCSMP 2022 : International Conference on Climate System Modeling and Prediction is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Climate System Modeling and Prediction. 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:

Climate system modeling
History of climate and weather modeling
Climate models and their evaluation
Stochastic climate theory and modeling
Calculating the weather
Chaos and complexity science
Typology of climate models
Earth system modeling and the computational limits

Epistemic status of climate models
Assessing model skill
Computational climate modeling
Development and calibration of algorithmic models
Programming models and the role of domain-specific languages
Performance understanding and performance portability to newer hpc systems
Leveraging computational heterogeneity for acceleration
Design space exploration of parameter spaces for models and its trade-offs