



CALL FOR PAPERS

THE 4TH GLOBAL CONGRESS ON MICROWAVE ENERGY APPLICATIONS

August 17 - 20, 2022 | Chengdu, China

The Global Congress on Microwave Energy Applications (GCMEA) is the "Olympic Event" for worldwide researchers and engineers working on the relevant fields of microwave/RF power applications. It happens every 4 years in a different continent. Sichuan University together with the China Association of Microwave Power Applications (CAMPA) is pleased to announce that the 4th GCMEA will be kindly hosted in Chengdu, Sichuan, China during August 17-20, 2022.

Chengdu is the capital city of Sichuan Province, with a history of more than two thousand years and many cultural relics. It is usually associated with many tags, such as "the homeland of pandas", "city of gastronomy" and "tourist resort". Being an international city, people can take a comfortable and nonstop travel to Chengdu from all around the world. We are excited to invite you to Chengdu for this global congress.

The scope of the conference is concentrated on microwave energy applications, and includes:

- * Microwave/RF plasma
- * Microwave/RF chemistry & metallurgy
- * Microwave/RF chemical engineering
- * Microwave/RF applications in environment engineering
- * Microwave/RF applications in medicine and biology
- * Microwave/RF assisted materials science and engineering
- * Microwave/RF assisted food science and engineering
- * Interaction mechanism of Microwave /RF and substances
- * Dielectric and magnetic properties measurement
- * EM modeling and numerical techniques
- * Design of microwave/RF applicators and components
- * Microwave/RF sources and power supply
- * Microwave chemistry devices and working stations
- * Microwave/RF processing design and optimization
- * Microwave/RF industrial equipment and scale-up
- * Industrial applications of microwave /RF energy
- * Radiation safety and standards
- * Microwave wireless power transmission
- * Other relevant topics

PLENARY SPEAKERS

- Prof. Juming Tang, Washington State University, USA
- Prof. Satoshi Horikoshi, Sophia University, Japan
- Prof. Paolo Veronesi, University of Modena and Reggio Emilia, Italy
- Researcher Biao Jiang, Shanghai Advanced Research Institute, Chinese Academy of Sciences, China
- Prof. Jiayi Xu, Beijing University of Chemical Technology, China
- Prof. Ray Boxman, Tel Aviv University, Israel
- Prof. Xin Gao, Tianjin University, China
- Dr. Graham Brodie, Dookie Campus, The University of Melbourne, Australia
- Dr. Guido Link, Karlsruhe Institute of Technology, Germany
- Dr. Tomohiko Mitani, Kyoto University, Japan
- Dr. Shuntaro Tsubaki, Kyushu University, Japan

COMMITTEE

General Chair

- Prof. Kama Huang, Sichuan University, China

General Co-Chair

- Prof. Gang Wang, The 12th Research Institute of China Electronics Technology Group Corporation, China
- Prof. Haiyong Wang, The 50th Research Institute of China Electronics Technology Group Corporation, China
- Prof. Baoqing Zeng, University of Electronic Science and Technology of China, China

Technical Program Committee Chair

- Prof. Junwu Tao, ENSEEIHT-INP University of Toulouse, France

IMPORTANT DATES

Abstract Submission Deadline	May 30, 2022	Registration Deadline	July 15, 2022
Acceptance Notification	June 30, 2022	Conference Date	August 17-20, 2022

SUBMISSION

1. Abstract should be around 400-500 words. Please prepare it as per the template [Click to download](#)
2. Online submission: <https://easychair.org/conferences/?conf=4gcmea2022>

PUBLICATION NOTES

Authors with excellent abstract/reports are recommended to submit full papers to Chemical Engineering & Processing-Process Intensification (CEP:PI) or Journal of Microwave Power and Electromagnetic Energy (JMPEE) to publish full papers from the conference reports. Both the journals are collected by SCI. The manuscripts will go through peer review and meet the requirements of the recommended journal.