## November 5-9, 2023 | Shenzhen, China

## THE 15 ${ }^{\text {TH }}$ PACIFIC RIM CONFERENCE pacram 15 OF CERAMIC SOCIETIES (PACRIM15)

# THE $13^{\text {TH }}$ INTERNATIONAL CONFERENCE ON HIGH-PERFORMANCE CERAMICS (CICC-13) 

# Caturor abstun cts 

Abstract submission begins: March 15, 2023 Deadline: June 30, 2023 Registration Opens: August 1, 2023


Conference Chair

2Dr. Yu ZHOU Academician of Chinese Academy of Engineering Academician of the World Academy of Ceramics Former President of Harbin Institute of Technology Former President of Harbin Institute of Technology, Shenzhen

Conference Co-chair


Dr. Ruiping GAO
President of the Chinese Ceramic Society

Hosted by: The Chinese Ceramic Society
Organized by:
Harbin Institute of Technology (HIT), Shenzhen
Advanced Ceramic Division of the Chinese Ceramic Society
Key Laboratory of Advanced Structural-Functional Integration Materials \& Green Manufacturing Technology, HIT
State Key Laboratory of New Ceramics and Fine Processing, Tsinghua University
Zhihe Research Institute of Advanced Materials Application Technology, Shenzhen
Supported by:
Department of Engineering and Materials Sciences, National Natural Science Foundation of China (NSFC)
Federation of Guangdong Academicians


4


## Abstract

The abstract should be written in English, which is the official language of PACRIM15, with no more than 200 words. Noted that the title, authors' names \& affiliations, correspondence details, and a maximum of 5 keywords should also be provided and excluded from the word count. All abstracts must be submitted online through the official website of the conference.

## Registration fee

| Type | Early-bird |
| :--- | :---: | :---: |
| (On/Before Sep. 30, 2023) |  |$\quad$| Regular |
| :---: |
| (After Sep. 30, 2023) |

## Venue

Sheraton Shenzhen Futian Hotel
Great China International Exchange Square
Fuhua Road, Futian District, Shenzhen, Guangdong Province, China

## Symposia List

S1: Virtual Materials Design and Ceramic Genome
S2: Advanced Characterization, Testing and Analysis of Materials

S3: Advanced Powder Processing and Green Manufacturing Technologies

S4: Novel and Strategic Processing and Manufacturing Technologies for Ceramics

S5: Advanced Additive Manufacturing Technologies: Materials, Processes, and Systems
S6: Engineering Ceramics and Ceramic Matrix Composites (CMCs): Processing, Design, Development, and Applications

S7: Advanced Structural Ceramics and CMCs for Ultra Extreme Environments

S8: Polymer Derived Ceramics (PDCs) and Composites
S9: Novel Ceramic Coatings and Technology
S10: Nano-laminated Ternary Carbides, Nitrides, Borides, and MXenes/MBenes

S11: High Entropy Ceramics and Composites
S12: Microwave Dielectric Ceramics and Applications
S13: Piezoelectric, Ferroelectric/Multiferroic Materials \& Components
S14: Thermoelectric Materials and Devices for Sustainable Energy Utilization

> S15: Perovskites for Solar Cells, LEDs, and other Applications

S16: Solid-State Optical Materials and Luminescence Properties

S17: Ceramics for Advanced Nuclear Energy Systems and Nuclear Waste Management
S18: Solid Oxide Fuel Cells and Hydrogen Technologies
S19: Ionic and Mixed Conducting Ceramics
S20: Multifuctional Nanomaterials and Heterostructures for Sensing Devices

S21: Ceramics for Environmental Conservation, Energy and Environmental Catalysis, Pollution Control, and Critical Materials

S22: Ceramic Integration and Joining Technologies
S23: Geopolymers: Low Energy and Environmentally Friendly Ceramics and Coatings

S24: Advanced Refractories and Traditional Ceramics
S25: Porous Ceramics: From Innovative Processing to Advanced Industrial Applications

S26: Bioceramics and Ceramics Coatings for Biomedical Applications
S27: Biomimetics and Bioinspired Processing of Advanced Ceramics

S28: PACRIM Young Scholars Forum
S29: PACRIM Enterprise Forum

## www.pacrim15.com

