

11th International Conference on High Temperature Ceramic Matrix Composites

August 27 - 31, 2023

Ramada Plaza Jeju Hotel, Jeju, Korea

Abstract Submission Deadline : April 7

Elevate your work by presenting to an interdisciplinary audience of researchers, scientists, and engineers from around the world! Bring your challenging and thought-provoking abstract to HT-CMC 11.

Hosted by  THE KOREAN
CERAMIC SOCIETY

Organized by  THE FEDERATION OF KOREA
CERAMIC ASSOCIATIONS

 Korea Atomic Energy
Research Institute

Technically Co-sponsored by





The American
Ceramic
Society
www.ceramics.org

 The Ceramic
Society of Japan

Supported by

 Jeju CVB
Jeju Convention & Visitors Bureau



Sponsored by





 IHI
Realize your dreams

April
7

Abstract
Submission Due

April
30

Abstract
Acceptance

May
15

Early
Registration Due

Committee

Honorary Chair

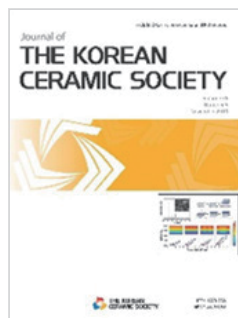
Hai-Doo KIM (Korea)

Conference Chairs

Ji Yeon PARK (Korea)

Laifei CHENG (China)

Journal Publication (Full paper, Free)



International Advisory Board

Jon BINNER (UK)

Michael C. HALBIG (USA)

Sergei T. MILEIKO (Russia)

Eric BOUILLON (France)

Yutaka KAGAWA (Japan)

Gregory N. MORSCHER (USA)

Laifei CHENG (China)

Hai-Doo KIM (Korea)

Tatsuki OHJI (Japan)

Shaoming DONG (China)

Dietmar KOCH (Germany)

Ji Yeon PARK (Korea)

Monica FERRARIS (Italy)

Walter KRENKEL (Germany)

Mrityunjay SINGH (USA)

Zhengyi FU (China)

Lalit M. MANOCHA (India)

Gerard L. VIGNOLES (France)

Plenary / Special Lecturer

PLENARY

Shaoming DONG

Shanghai Institute of Ceramics,
Chinese Academy of Sciences,
China



PLENARY

Kwangsoo KIM

DACC Carbon Co., Ltd., Korea



PLENARY

Jared WEAVER

GE Global Research, USA



PLENARY

Yutai KATOH

Oak Ridge National Laboratory, USA



SPECIAL

Walter KRENKEL

University of Bayreuth, Germany



Symposia

01 Computational Modeling and
Design of New Materials and
Processes

02 Fibers, Preforms and Interphases

03 Polymer Derived Ceramics and
Composites

04 Innovative Design, Advanced
Processing, and Manufacturing
Technologies in Non-oxide and
Oxide Composites

05 Advanced Thermal and
Environmental Barrier Coatings:
Processing, Properties, and
Applications

06 Carbon/Carbon Composites

07 Materials for Extreme
Environments: UHTCs MAX and
MAX-derived Phases

08 Additive Manufacturing of
Ceramics and Composites

09 Nanocomposites: Carbon
Nanotube, Graphene, Particulate,
etc

10 Testing and Evaluation of
Composites (Thermomechanical
Behavior and Performance of
Composites / Standard and DB)

11 Joining and Integration
Technologies for HT-CMCs

12 CMC Applications I (Aerospace,
Ground Transportation,
Mechanical Engineering)

13 CMC Applications II (Power
Generation Systems, Combustion
Environment)

Submit your late-breaking abstract for HT-CMC 11!