

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  **KOCERA THE FEDERATION OF KOREA CERAMIC ASSOCIATIONS**

 **Korea Atomic Energy Research Institute**

Technically Co-sponsored by

 **ECCRS**



 **The American Ceramic Society**
www.ceramics.org

 **The Ceramic Society of Japan**

Supported by

 **Jeju CVB**
Jeju Convention & Visitors Bureau



Sponsored by



 **DACC CARBON**

 **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	PLENARY	PLENARY	PLENARY	SPECIAL
Shaoming DONG	Kwangsoo KIM	Jared WEAVER	Yutai KATOH	Walter KRENKEL
Shanghai Institute of Ceramics, Chinese Academy of Sciences, China	DACC Carbon Co., Ltd., Korea	GE Global Research, USA	Oak Ridge National Laboratory, USA	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!	