



11th International Conference on High Temperature Ceramic Matrix Composites

Aug 27 - 31, 2023

Ramada Plaza Jeju Hotel, Jeju, Korea



Hosted by  **THE KOREAN
CERAMIC SOCIETY**

Organized by

 **KOCERA** THE FEDERATION OF KOREA
CERAMIC ASSOCIATIONS

 **KAERI** Korea Atomic Energy
Research Institute

Supported by  **Jeju CVB**
Aju Convention & Visitors Bureau



Technically
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 **The Ceramic
Society of Japan**

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CARBON**  **IHI**
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Welcome Message

“ We wish you good health and all the best for 2022 and look forward to seeing you in Jeju in 2023 ”

Dear Colleagues,

It is with much pride that we invite all experts from all over the world to the HT-CMC 11 in Jeju, Korea from August 27 to 31, 2023. The Korean Ceramic Society will have the privilege of hosting this meaningful conference. The conference will provide a variety of programs including distinguished presentations, exhibition and networking events.

The Organizing Committee will do its best to make your attendance of the HT-CMC 11 enjoyable and memorable as well as scientifically fruitful.

We warmly welcome you to HT-CMC 11. Thank you for your continuing interest and support, and we look forward to seeing you in HT-CMC 11, Jeju!

Conference Chairs



Ji Yeon PARK

Korea Atomic Energy Research Institute, Korea



Laifei CHENG

Northwestern Polytechnical University, China

HT-CMC 10 2019 | Bordeaux, France



HT-CMC 9 2016 | Toronto, Canada



HT-CMC 8 2013 | Xi'an, China



HT-CMC 7 2010 | Bayreuth, Germany



HT-CMC 6 2007 | New Delhi, India



HT-CMC 5 2004 | Seattle, USA



HT-CMC 4 2001 | Munich, Germany



HT-CMC 3 1998 | Osaka, Japan



HT-CMC 2 1995 | Santa Barbara, USA



HT-CMC 1 1993 | Bordeaux, France



Key Date



April

7

2023

Abstract Submission

April

30

2023

Abstract Acceptance

May

15

2023

Early Registration

Committee

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Ji Yeon PARK	<i>Korea Atomic Energy Research Institute, Korea</i>
Laifei CHENG	<i>Northwestern Polytechnical University, China</i>

Honorary Chair

Hai-Doo KIM	<i>Soonchunhyang University, Korea</i>
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Yoonjoo LEE	<i>Korea Institute of Ceramic Engineering and Technology, Korea</i>

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Dong-Ho RHEE	<i>Korea Aerospace Research Institute, Korea</i>

Sympaosia

Sym 01 Computational Modeling and Design of New Materials and Processes

Sym 02 Fibers, Preforms and Interphases

Sym 03 Polymer Derived Ceramics and Composites

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

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

Sym 06 Carbon/Carbon Composites

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

Sym 08 Additive Manufacturing of Ceramics and Composites

Sym 09 Nanocomposites: Carbon Nanotube, Graphene, Particulate, etc

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

Sym 11 Joining and Integration Technologies for HT-CMCs

Sym 12 CMC Applications I
(Aerospace, Ground Transportation)

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

Program

	Aug 27 (Sun)	Aug 28 (Mon)	Aug 29 (Tue)	Aug 30 (Wed)	Aug 31 (Thu)
AM		Opening Ceremony & Plenary Session	Plenary Session Technical Sessions	Plenary Session Technical Sessions	Plenary Session Technical Sessions
	Lunch				
PM	Registration	Technical Sessions	Technical Sessions	Technical Sessions Excursion	Technical Sessions Closing Ceremony
	Welcoming Cocktail			Banquet	

Abstract Submission Deadline

by April 7

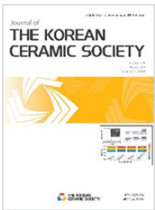
Elevate your work by presenting to an interdisciplinary audience of researchers, scientists, and engineers from around the world! Bring your challenging and thought-provoking abstract to HT-CMC 11.

Challenge to be the Best Presenter!

STEP 1	STEP 2	STEP 3	STEP 4	STEP 5
All abstracts must be written in English and submitted electronically.	Abstract body including references should be in text only and should not exceed 250 words.	Choose your presentation type: Oral or Poster.	Acknowledgement of your abstract submission will be sent via e-mail.	Authors whose abstracts are accepted must register for the conference.

Confirmed Journal List

The authors of accepted abstracts are kindly advised to submit the full papers for publication in leading journals if the authors are intended to.



Journal of Korean Ceramic Society



International Journal of Applied Ceramic Technology



Journal of Chinese Ceramic Society



Ramada Plaza Jeju Hotel



This internationally renowned deluxe resort-style business hotel was opened to raise management and its accommodation facilities to world class standards, and thus satisfy worldwide business travelers and tourists. Modeled after a deluxe cruise ship in Northern Europe, this hotel is located only fifteen minutes ride from both Jeju International Airport and Jeju harbor. It can be reached within an hour wherever you are on the Jeju Island.

 Jeju Int'l Airport to Ramada Plaza Jeju Hotel: 15 minutes by taxi



Jeju Island, Globally Recognized for Its Natural Wonders!

Jeju do is the foremost island in Korea in terms of size and unique climate. The island province consists of Jeju and its adjacent islands. Geographically, its relative isolation from the mainland resulted in a unique dialect and lifestyle of its own. The natural beauty of Mt. Hallasan and the surrounding sea make Jeju an ideal resort island.

In recent years, Jeju has been awarded multiple times by global organizations. The island contains the natural World Heritage Site Jeju Volcanic Island and Lava Tubes. Jeju Island is UNESCO's only triple-crown winner for World Natural Heritage, Global Geopark, and Biosphere Reserve. It is also renowned for its beautiful, pristine environment and has been designated as one of the New 7 Wonders of Nature.

With the 21st century's arrival, Jeju City is transforming itself into irreplaceable tourist area.





AUG 27 - 31
JEJU, KOREA