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Important Dates

February 7, 2025	DEADLINE for abstract submission
March 31, 2025	Publication of conference program
April 30, 2025	DEADLINE for early-bird registration (Reduced fee)
May 31, 2025	DEADLINE for conference registration
July 8-11, 2025	ICCCI2025

Abstracts

The abstract should be submitted before February 7, 2025. Details will be provided on the conference website.

Sponsors

Organized by

The Society of Powder Technology, Japan

Sponsored and Endorsed by

The American Ceramic Society

The Association of Powder Process Industry and Engineering, Japan

The Ceramic Society of Japan

The Society of Chemical Engineers, Japan

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Global Alliance for Technology and Society

Japan Fine Ceramics Association

Society for the Study of Natural Pigments and the Grinding Process

Using Stones from Mount Fuji (NPO)

Fuji Kyuko Co., Ltd.

Conference Website

<https://ceramics.ynu.ac.jp/iccci2025/index.html>



Contact

E-mail: iccci2025@ynu.ac.jp



First Announcement

ICCCI 2025

The 8th International Conference on the Characterization and Control of Interfaces for High Quality Advanced Materials

and

the 60th Summer Symposium on Powder Technology

Fujiyoshida, Japan 8th – 11th July, 2025



Aims and scope

Interfaces are critically important to a broad spectrum of materials and technologies. In 2003, the first International Conference on the Characterization and Control of Interfaces for High Quality Advanced Materials (ICCCI2003) established an international forum for interface science and technology. Interest and participation doubled in 2006, 2009, 2012, 2015, 2018 and 2022 at the second, third, fourth, fifth, sixth and seventh International Conferences (ICCCI2006, 2009, 2012, 2015, 2018 and 2022) respectively. In 2025, the eighth International Conference (ICCCI2025) will continue the discussion on interface characterization and control to design and manufacture high quality advanced materials. Additionally, an industrial exhibition by multinational corporations will complement the technical sessions. At ICCCI2025, interface characterization and control technology for nano-scale to micro-scale materials synthesis, powder processing, composite processing, joining, and to control airborne particulates will be addressed by scientists and engineers from academia, industry, and national laboratories.

Conference topics include :

Interface Science and Powder Technology for Sustainable Development Goals (60th Summer Symposium on Powder Technology)

Powder Technology Contributing to a Sustainable Society
Solid-liquid interfaces, Composite interfaces
Interface characterization techniques
Interface control for processing
Control and design of interfaces in suspensions
Interface and powder inhomogeneity
Multiscale and operando observation

Powder Processing for Advanced Materials

Powder process informatics
Powder processing for Advanced Materials
Advanced materials: ceramics, metals, polymers, composites, porous materials etc.
Microsystems, Nanotechnology
Novel manufacturing: 3D printing etc.
Advanced joining and welding technology

Energy and Environment

Batteries, Fuel cells, Solar cells
Biomass, Coals, Recycling
PM2.5, Nanorisk

Material Design and Evaluation

Bio-materials, Chemicals and pigments
Electronic materials, Pharmaceutical
Engineering materials, Microstructure evaluation
Evaluation of material properties

Advanced Modeling & Simulation

Discrete Element Method
Solid-fluid coupling problem
Verification & Validation, Heat transfer
Reduced order model, Data-driven modeling

Global Young Scientist Forum

Industrial and art session

Official language

English will be used for all presentations and printed materials.

Conference venue and travel

The conference will be held in Fujiyoshida City. Fujiyoshida City is the closest city to Mt. Fuji and has many scenic and historic spots. The conference venue is within about 2 hours of Shinjuku station by bus or train. Details on how to get to the venue will be provided on the conference web site.

Highland Resort Hotel & Spa

5-6-1 Shin-Nishihara, Fujiyoshida city,
Yamanashi prefecture, 403-0017, Japan
Tel : +81-555-22-1000
Fax : +81-555-22-3115
<https://www.highlandresort.co.jp/>



Fujiyoshida Tourism Promotion Service

<https://fujiyoshida.net/en/>



Registration and fees

Conference registration does not include the hotel charges. Details for the registration procedures will be provided on the conference website.

Early-bird registration (before April 30th, 2025) :

Participant (Regular) 90,000 Japanese YEN
Participant (Student) 80,000 Japanese YEN
Accompanying person 50,000 Japanese YEN

May 1st, 2025 – May 31st, 2025

Participant (Regular) 100,000 Japanese YEN
Participant (Student) 90,000 Japanese YEN
Accompanying person 50,000 Japanese YEN

Accommodation

You can stay at the Highland Resort Hotel & Spa, the conference venue, although there are a limited number of inexpensive rooms available. In addition, there are hotels near the conference venue and around Fujisan station. We will introduce these accommodations on the conference website around January 2025. Shuttle bus service will be provided between the venue and these hotels. Details will be announced on our website.

