

# ICCCI 2022

## The 7th International Conference on the Characterization and Control of Interfaces for High Quality Advanced Materials

粉体プロセス, ナノ～ミクロスケールの微粒子・材料合成のための界面の特性評価と制御技術, 複合化プロセス, 接合, 粉体の流動制御などをテーマとした国際会議 ICCCI 2022 が以下の要領で開催されます。2003 年に開催された第 1 回の会議から数えて第 7 回目を迎える本会議は, 粉体工学会の主催行事として行われます。また, 第 57 回夏期シンポジウムと連携して開催いたします。皆様とともに活発な議論を行っていきたいと思っておりますので, 奮ってご参加をお願い致します。本国際会議の詳細につきましては, 下記の URL にて最新の情報を提供して参りますので, ご覧ください。

開催日: 2022 年 11 月 15 日(火)～18 日(金)

会場: ハイランドリゾートホテル&スパ

〒403-0017 山梨県富士吉田市新西原 5-6-1

(詳細は HP(<https://www.highlandresort.co.jp/>)をご覧ください。)

ICCCI2022Web サイト:<http://ceramics.ynu.ac.jp/iccci2022/index.html>

**会議の主題:** **Understanding and Controlling Various Inhomogeneity in Powders for Advanced Materials (57th Summer Symposium on Powder Technology):** Solid-liquid interfaces, Composite interfaces, Interface characterization techniques, Interface control for processing, Control and design of interfaces in suspensions, Geometrical inhomogeneity (particle size and shape distribution), Inhomogeneity of interface and interaction of particles, Inhomogeneity of density and compaction, Topological inhomogeneity, Distribution of chemical composition and bonding, Agglomerates and aggregates, Multiscale and operando observation, 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

**International Symposium in Honor of Prof. Makio Naito**

**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

**International Symposium on Modeling for Granular and Multi-phase Flows**

**組織委員会:** **Emeritus Chairman:** Prof. Makio Naito (JWRI, Osaka Univ., Japan)

**Chairman:** Prof. Junichi Tatami (Yokohama National Univ., Japan)

**Committee Members:** Dr. Tawatchai Charinpanitkul (Chulalongkorn University, Thailand), Prof. Shaoming Dong (Shanghai Institute of Ceramics, Chinese Academy of Sciences, China), Prof. Masayoshi Fuji (Nagoya Institute of Technology, Japan), Prof. Rainer Gadow (University of Stuttgart, Germany), Prof. Thomas Graule (Empa, Switzerland), Prof. Fiqiri Hodaj (SIMAP, France), Dr. Yuji Hotta (AIST, Japan), Prof. Hideki Ichikawa (Kobe Gakuin University, Japan), Dr. Norifumi Isu (LIXIL Corporation, Japan), Prof. Hidehiro Kamiya (Tokyo University of Agriculture and Technology, Japan), Prof. Junya Kano (IMRAM, Tohoku University, Japan), Prof. Dariusz Kata (AGH University of Science and Technology, Poland), Prof. Esko I. Kauppinen (Aalto University School of Science, Finland), Prof. YoungWook Kim (University of Seoul, Korea), Prof. Hsiu-Po Kuo (Chang Guang University, Taiwan), Prof. Hua-Tay Lin (Gaungdong University of Technology, China), Prof. Jian Luo (University of California, San Diego, U.S.A.), Prof. Sanjay Mathur (University of Cologne, Germany), Prof. Ryoichi Kurose (Kyoto University, Japan), Prof. Olivera Milosevic (SASA, Serbia), Dr. Steven Mullens (VITO, Belgium), Prof. Dumitru Nedelcu (Technical University of Iasi, Romania), Dr. Tatsuki Ohji (AIST, Japan), Prof. Ungyu Paik (Hanyang University, Korea), Prof. Wolfgang Peukert (University of Erlangen, Germany), Prof. Maria Eugenia Rabanal (Carlos III University of Madrid, Spain), Prof. Loredana Santo (University of Rome "Tor Vergata", Italy), Prof. Tohru Sekino (ISIR, Osaka University, Japan), Prof. Yoshiyuki Shirakawa (Doshisha University, Japan), Dr. Dileep Singh (Argonne National Laboratory, U.S.A.), Dr. Mrityunjay Singh (OAI, NASA Glenn Research Center, U.S.A.), Prof. Candan Tamerler (University of Kansas, U.S.A.), Mr. Tomohide Tanimoto (Tokujin Corporation, Japan), Prof. Chiharu Tokoro (Waseda University, Japan), Prof. Wei-Hsing Tuan (National Taiwan University, Taiwan), Dr. Tetsuo Uchikoshi (NIMS, Japan), Prof. Hiromitsu Yamamoto (Aichi Gakuin University, Japan), Prof. Di Zhang (Shanghai Jiao Tong University, China)

**Local Organizing Committee:** Dr. Manabu Fukushima (AIST, Japan), Prof. Motoyuki Iijima (Yokohama National University, Japan), Prof. Kenji Iimura (University of Hyogo), Dr. Takahiro Kozawa (JWRI, Osaka University, Japan), Prof. Mitsuaki Matsuoka (Kansai University, Japan), Prof. Hideya Nakamura (Osaka Metropolitan University, Japan), Prof. Toshiyuki Nomura (Osaka Metropolitan University, Japan), Prof. Mikio Sakai (The University of Tokyo, Japan), Prof. Naonori Sakamoto (Shizuoka University, Japan), Dr. Tohru Suzuki (NIMS, Japan), Dr. Chika Takai (Gifu University, Japan), Prof. Satoshi Tanaka (Nagaoka University of Technology, Japan), Dr. Yuichi Tominaga (AIST, Japan)