



Speaker:

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Theme:

An overview of the Research Interests in Materials Science and Sustainable Materials for Ceramics, Oxides, NPs and Inorganic Carbons

Date/Time: **20 February 2026, JST 3:00PM**

Location: **Kyoto Institute of Technology,
Bldg.12, 1F, 105 Meeting Room**

日 時: **令和8年 2月20日(金) 午後15時**

場 所: **京都工芸繊維大学 12号館 105会議室**

Zoom: <https://us02web.zoom.us/j/84290557734?pwd=mG4avWAUXUdWaXxox3ZlrNjgJsuoU.1> JoinTECH-Online



Keywords:

- Biomaterials and Bioceramics
- 3D Printing / Robocasting / Direct Ink Writing of Ceramics
- Sustainable Materials and the Valorisation of Industrial, Agricultural and Fisheries Wastes and Residues
- Green / Aqueous Nanosynthesis
- Photocatalysis and Piezocatalysis
- Solar Thermochemical Fuel Production (TCFP) to split water
→ H₂ and CO₂ → CO using Ceria based Materials
- Materials for Pollution Abatement, Adsorbents and Desalination
- Cork-derived Materials and Ecoceramics
- Magnetic Materials, especially Hexaferrites
- Dielectric, Ferroelectric and Piezoelectric Materials
- Magnetoelectric and Multiferroic Materials
- Sustainable Carbons derived from Biochar and Bone char
- Microwave / GHz Active Materials for Telecomms, EM Absorbers and Radar Absorbing Materials (RAM)
- Geopolymers
- Combinatorial and High-Throughput Synthesis of Ceramics
- Materials for the Preservation of Cultural Heritage

