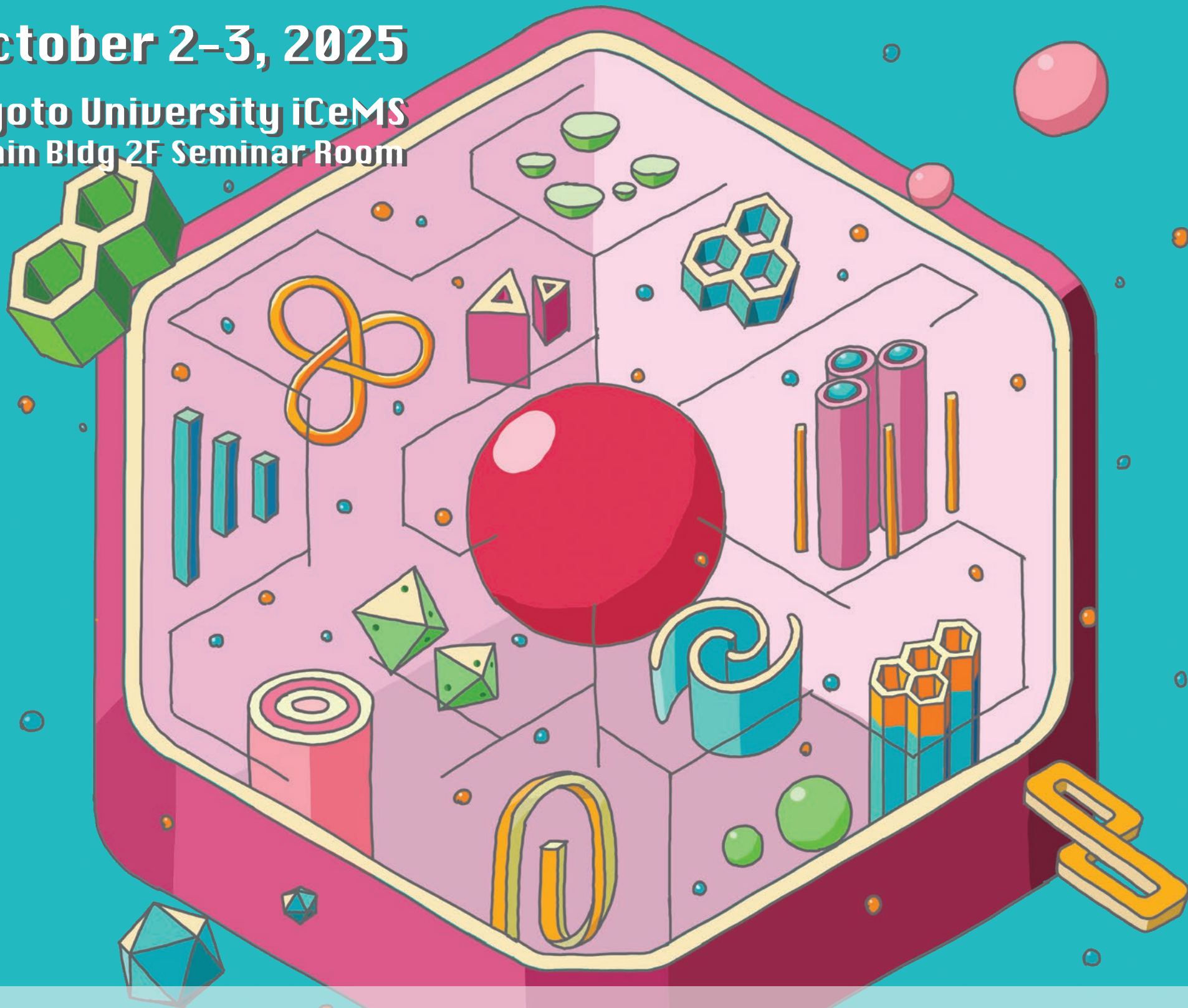


The 27th iCeMS International Symposium

Self-Assembly Science for Unlocking Life's Secrets

October 2-3, 2025

Kyoto University iCeMS
Main Bldg 2F Seminar Room



Carl Brozek (Dept of Chem & Biochem, U of Oregon)
Surface Chemistry of Porous Nanocrystals



Yumi Yakiyama (Grad Sch of Eng, U of Osaka)
From Flexibility to Function: Structures and Properties of Molecular Crystals



Yukari Katsura (Ctr for Basic Res on Mater, NIMS)
Crystal Structure Simulator: An Interactive Web Tool for Inorganic Crystal Structure Design by Assembling Atomic Delaunay Tetrahedra



Masateru Ito (iCeMS, Kyoto U)
Crack Control in Polymer Thin films



Yasuko Osakada (SANKEN, U of Osaka)
Development of Photo-Functional Nanomaterials with New Properties and Their Application to Bioscience



Shunsuke F Shimobayashi (CiRA, Kyoto U)
Lighting Up the Nanoscale Architecture within Intracellular Condensates



Yusuke Himeoka (Universal Biol Inst, U of Tokyo)
Towards a Theory of Transitions between Life and Non-Life: Cell Death and the Hardness of Assembling Complex Chemical Reaction Systems



Mao Hori (Inst of Integ Res, Scienc Tokyo)
Self-Assembly Around RNA: From Mechanistic Insights to Applications



Kohei Sato (Grad Sch of Sci and Tech, Kwansei Gakuin U)
Fully Synthetic Membrane Channels and Transporters with Advanced Functions



Megumi Mukoyoshi (Grad Sch of Sci, Kyoto U)
Development of Novel PGM-p-Block Metal Alloy Nanoparticles



Masahiko Yoshimura (iCeMS, Kyoto U)
Material Approach to Understand and Recreate Cellular Nanoscale Micro-Environments



Takahiro Kosugi (Inst for Mol Sci, NINS)
Nature-Inspired Computational Design Strategy for Rational Control of Protein Complexes



Tomonori Tamura (Grad Sch of Eng, Kyoto U)
Mapping Neurotransmitter Receptor Interactome in the Live Mouse Brain



Takanobu A Katoh (Grad Sch of Med, U of Tokyo)
Exploring Mechanical Signals via Cilia through Developing Advanced Microscopies: From Sensing Extracellular Mechanical Information to Regulation of Biological Functions



Misa Arizono (Hakubi Ctr, Kyoto U)
Thinking Outside the Neuron



Yumi Konagaya (Ctr for Biosys Dyn Res, RIKEN)
Multiplexed Immunohistochemistry Reveals Dynamic Cell Cycle Regulation Coupled with Intestinal Stem Cell Differentiation

Plenary Talk



James C Liao (Academia Sinica)
A Tale of Two Carbons: Design and Evolutionary of CO₂ and CH₃OH Conversions

For more details
on iCeMS website:



<http://tiny.cc/iis27>



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