

# OGURA LAB.

## [Molecule-sized Nano Space and Catalysis]



Institute of Industrial Science, Department of Materials and Environmental Science

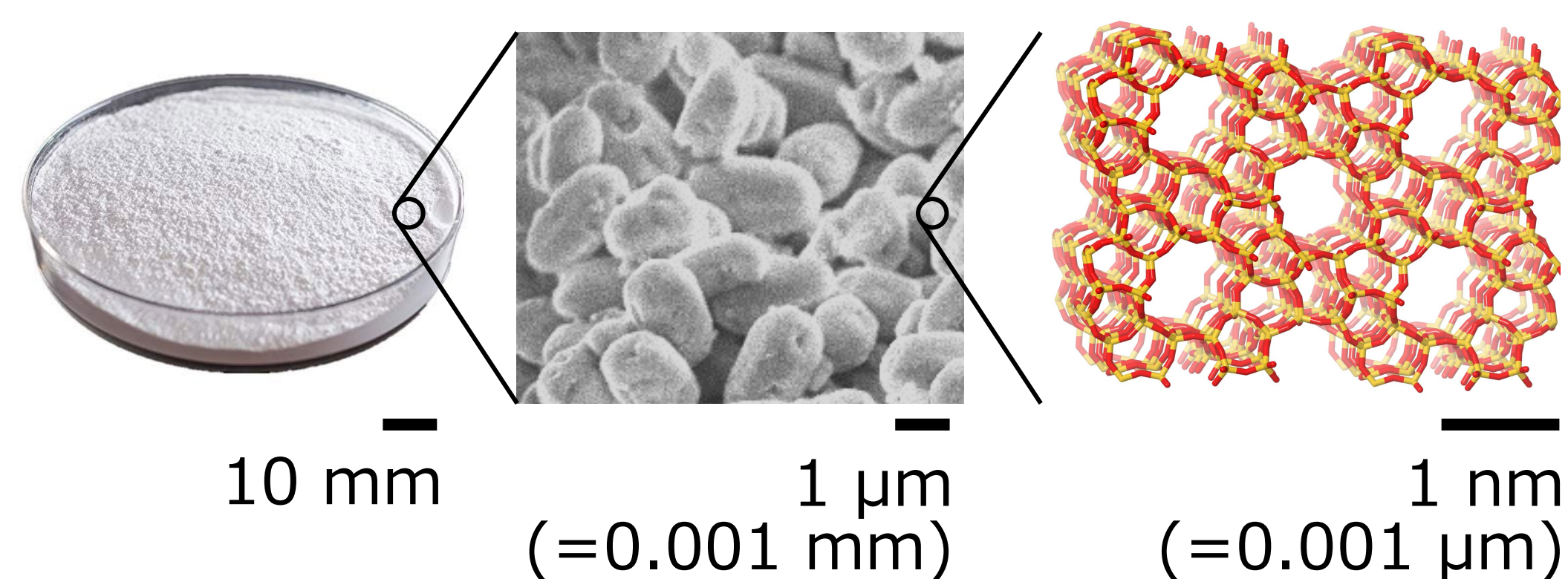
Environmental Catalysis, Materials Chemistry

Department of Chemical System Engineering

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### Nano Space and Catalysis

Our research group tackles on the environmental, and resources and energy problems using nano porous materials.



Nano-sized space allows us to...

- Store and concentrate materials and energy
- Capture harmful chemicals
- Select or sieve molecules by their size and chemical properties
- Anchor the catalytic site in the nano space
- Catalyze space-selective reactions

Unique Adsorbent

Unique Catalyst

### Create The Truly Useful Catalysts via A Design of Nano Space Reaction

### Approaches in Ogura Lab

