

3rd ANNUAL CEMDI SYMPOSIUM

I2CNER Edition

on 'Advancing Materials Data, Design, and Discovery'

Hosted by: International Institute of Carbon Neutral Energy Research (I2CNER), Kyushu University, Japan.

Date: 23 - 25 April 2025

Venue: I2CNER, Kyushu University, Japan

Abstract/Registration 31 Jan 2025

Deadline:

AMD Symposium 2025 Program

- Day 1 will mainly focus on advances in materials research using computational chemistry/Physics tools (DFT, MD) as well as AI. The focus will be to bridge the gap between computational materials research and industry applications
- Day 2 will focus on providing platform to theoretical chemists and mathematician to talk about implementation of new computational tools/methods in the materials science field (eg. Orbital- Free DFT)
- Day 3 will focus on experimental and computational techniques that could be useful for generating high quality materials data. Also, the focus will be on existing datasets, their limitations and strategies to improve them.
(This day will provide an opportunity to experimentalists, mathematicians and computational materials science researchers to talk about topics such as useful materials characterization tools for AI, improving databases, etc)