

The 20th IAESREC Science Café

Title:

Crossing Bridges: My experience at the Math-Materials Interface



Speaker:

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Date and time:

June 11th (Wed.) 2025 From 15:30

Venue:

IAESREC Seminar Room (Room 302),
Faculty of Engineering Integrated Research Bldg,
Yoshida Campus, Kyoto University

Language: **English**

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Early into my research career, I was involved in an unusual project which aimed to bridge mathematics and materials science. This turned out to be a highly formative experience, leading me to the materials science field and significantly expanding my scientific outlook.

In this presentation, I will review my experience working on this project. I will show how a background in mathematics can enable people to shift between different scientific fields. I will also emphasize the importance of academic freedom, an open scientific environment, as well as the need for excellent collaborators, to achieve such shifts. I will also outline my current efforts to cross another, very different scientific bridge.

What is IAESREC Science Café?

Since 2019, the International Advanced Energy Science Research and Education Center (IAESREC) has hosted Science Cafes, providing researchers, faculty members and graduate students with opportunities for open discussions on science and featuring speakers from diverse research fields.