

## **Symposium**

### **Precision Terahertz Spectroscopic Measurements and Dielectric Permittivity of Advanced Materials**

Date: May 24, 2025 (Sat)

Venue: Takigawa Memorial Hall, Kobe University, Japan

Terahertz wave-based techniques have proven to be powerful in the characterization of a wide variety of materials. This one-day symposium aims to bring together researchers who tackle “THz molecular and material science” theoretically and experimentally to stimulate discussions on their state-of-the-art results and future directions in the field. The symposium consists of invited talks focusing on the following scope of topics:

- 1) semiconductors; characterization and charge carrier dynamics
- 2) pharmaceutical molecules and molecular crystals; precise measurement and theoretical analysis
- 3) liquid phase materials; normal liquids, ionic liquids, biological water, and so on

#### **Invited Speakers**

Edwin Heilweil

Christopher J. Stromberg (Hood College)

Daniel Kuroda (Louisiana State University)

Michitoshi Hayashi (National Taiwan University)

Amalendu Chandra (Indian Institute of Technology, Kanpur)

Tetsuo Sasaki (Shizuoka University)

Yoshihiro Ishitani (Chiba University)

Hideaki Shirota (Chiba University)

Mukesh Jewariya (CSIR-National Physical Laboratory-New Delhi)

Toshiyuki Iwamoto (NIPPO PRECISION Co.Ltd.)

Andrey Shalit (University of Zurich)

### Venue

Takigawa Memorial Hall, Kobe University, is No. 100 building in the following map.

[Rokkodai 2nd Campus | Kobe University](#)

### How to register

If you want to attend this symposium, send an e-mail to Keisuke Tominaga (tominaga@kobe-u.ac.jp)

### Supported by

Terahertz Technology Forum

Molecular Photoscience Research Center, Kobe University

### Organizers

Edwin Heilweil

Keisuke Tominaga (Kobe University)

Harumi Sato (Kobe University)