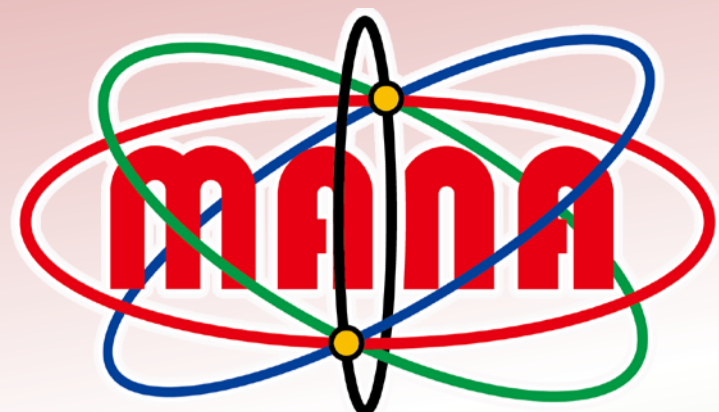


The 698th

MANA & GREEN

The 81st



The 14th Joint Seminar



Terahertz Spectroscopy and Intermolecular Dynamics of Aqueous Solutions

*Co-Chair: Dr. T. Miyazaki (MANA PI)
Dr. Y. TATEYAMA (MANA PI / GREEN)*

Prof. Amalendu Chandra

(Indian Institute of Technology Kanpur, India)

Theoretical results of terahertz (THz) spectroscopy and intermolecular dynamics of water and aqueous solutions will be discussed for polarizable models for both water and solutes. First, calculations are performed for pure water for varying temperature and the calculated results of THz spectroscopy are compared with experiments wherever available. Subsequently, THz spectra are calculated for aqueous solutions containing ionic solutes and the results are linked to various ion-ion, ion-water and water-water intermolecular interactions and dynamics in these solutions.

Venue: Auditorium, 1F, WPI-MANA Bldg., Namiki-site /
Zoom (Hybrid)

Date: June 17th, Friday

Time: 10:30-11:30

Contact: TATEYAMA.Yoshitaka@nims.go.jp



Meeting ID: 883 3067 9748 **Passcode:** 002027

<https://rb.gy/zgjnvw>