International Workshop on Terahertz Nanoscience

Supported by
International Joint Research Promotion Program, Osaka University
and
R^3 Institute for Newly-Emerging Science Design, Osaka University
(INSD NanoScience Seminar No. 35)

Date: June 9th, 2022
Place: Institute of Laser Engineering, Osaka University, "I" building 4th floor
https://www.ile.osaka-u.ac.jp/ja/access/index.html（I 棟 4 階 大ホール）

Registration required (Free of charge): See below (Max. 40 in person and 40 via Zoom)

Program

13:00-13:10	Opening
13:10-14:00	Junichiro Kono (Rice University)
[Plenary Talk]	"Exploring Terahertz Science in Nanomaterials"
14:00-14:30	Filchito Renee G. Bagsican (OIST: Okinawa Institute of Science and Technology Graduate University)
[Invited Talk]	"Out-of-equilibrium dynamics in electrically-biased CNT networks"
14:30-15:00	Makoto Nakajima (ILE, Osaka University)
	" Development and applications of spintronic terahertz emitter "
	Break
15:10-15:40	Abdul Mannan (ILE, Osaka University)
	"Insight into fundamental quantum properties of THz emission from GaN-based MQWs and phased-array effect using LTEM"
15:40-16:00	Dongxun Yang (ILE, Osaka University)
	"The mechanism of THz radiation from metal-insulator-semiconductor structure upon femtosecond laser illumination"
16:00-16:20	Fumikazu Murakami (ILE, Osaka University)
	"Slow optical response of semi-insulating gallium nitride studied by terahertz emission spectroscopy"
16:20-16:40	Verdad C. Agulto (ILE, Osaka University)
	" Development of terahertz time domain ellipsometry with high precision"
16:40-17:10	Kazunori Serita (ILE, Osaka University)
	"New development in THz biophotonics pioneered by THz point light sources"
17:10-17:20	Closing

Organizer
Masayoshi Tonouchi(Chair), Hironaru Murakami, Makoto Nakajima, Kazunori Serita,
Secretary Mayo Iwami

Registration:
Please mail to tonouchi@ile.osaka-u.ac.jp for registration with following information.
Name:
Institution/Company:
Status:
E-mail:
TEL:
Participation Type: Onsite (Participation at the venue) or Zoom
The maximum number of participants is 40 on-site attendees and 40 Zoom participants.(first come, first reserved) For the official credit use, please attend onsite.