

36th Nano-Spin Engineering Workshop - Terahertz Technology for Tomographic Applications

Date&Time: 9:30am - 12:30pm, April 17th, 2009

Venue: Conference Room, Nano-Spin Laboratory Building 4F
RIEC: Research Institute of Electrical Communication, Tohoku University
2-1-1, Katahira, Aoba-ku, Sendai, 980-8577 Japan

Program:

9:30 - 10:10 To see where you cannot reach
Krikor Ozanyan
IEEE Distinguished Lecture, U. Manchester

10:10 - 10:35 Frequency-agile DAST THz-wave source and its application on free carrier measurement in GaN wafers
Hiroaki Minamide, Seigo Ohno, and Hiromasa Ito
RIKEN

10:35 - 11:00 THz wave generators based on photonic and electronic approaches and its applications to THz spectroscopic imaging
Tadao Tanabe and Yutaka Oyama
Dept. Material Science, Tohoku Univ.

11:00 - 11:15 (Coffee Break)

11:15 - 11:40 Emission and Detection of THz radiation from 2-dimensional plasmons and their spectroscopic applications
Taiichi Otsuji
RIEC Tohoku University

11:40 - 12:05 Terahertz imaging beyond diffraction limit
Jun-ichi Shikata, Yuzo Nomura, Hiroshi Yasaka, Hiroaki Minamide, Hiromasa Ito
RIEC Tohoku Univ., RIKEN

12:05 - 12:30 Two topics on THz imaging : THz beam steering and tomosynthesis
Chiko Otani, Yoshiaki Sasaki, Kenichiro Maki, Naoki Sunaguchi, Tetsuya Yuasa
RIKEN

Organizers: RIEC Nano-Spin Engineering Workshop Committee, Tohoku University
IEEE Sendai Section

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