

Symposium on Magnetic Plasmon

Room L1112, 11st. building 13:30~, Nov. 13, 2015
Koganei-campus, Tokyo University of Agriculture and Technology

Program

Opening address: 13:30-13:40

Hiromasa SHIMIZU (Tokyo University of Agriculture and Technology)

13:40-14:00 Alfonso Cebollada Navarro (IMM-Instituto de Microelectrónica de Madrid, Spain)

"Current understanding of Magnetoplasmonic systems supporting localized plasmons"

14:00-14:20 Gaspar Amelles, (IMM-Instituto de Microelectrónica de Madrid, Spain)

"Review of Magnetoplasmonic systems supporting propagating plasmons"

14:20-14:40 Vadym Zayet, (Spintronics Research Center, National Institute of Advanced Industrial Science and Technology (AIST), Japan)

"Development of plasmonic isolator for integration into Photonic Integrated Circuits"

14:40-15:00 Yoshito Ashizawa (Nihon University, Japan)

"Functional materials for magneto-surface-plasmon effect"

Break (20min.)

15:00-15:20

15:20-15:40 Hiromasa Shimizu (Tokyo University of Agriculture and Technology)

"Integrated Optical Isolators Using Magnetic Surface Plasmon"

15:40-16:00 Terunori Kaihara (Tokyo University of Agriculture and Technology)

"Dielectric-Loaded Magnetic and Nonmagnetic Plasmonic Waveguides on SOI Wafer"

16:00-16:20 Abdul Wahid Danish (Tokyo University of Agriculture and Technology)

"Fabrication of Bi doped Gd iron garnet thin films by metal organic decomposition method"

16:20-16:40 Kentaro Iwami (Tokyo University of Agriculture and Technology), "Optical Retarder Based on Au Nanofin Array Embedded in Dielectric Medium"

16:40 -17:00, Closing remark, Discussion

17:00- Banquet

Joint symposium with Central Research Laboratory, Hitachi co. ltd.