



[ThPM1-07] Plasmonic Field and Chirality

Date / Time Aug. 30 (Thu.), 2018 / 14:30-16:30

Place 302 (Room F)

[ThPM1-07-I-1] (Invited)

14:30-14:50

Mapping Polarization States of Plasmonic Fields

Shun Hashiyada¹, Tetsuya Narushima^{1,2}, and Hiromi Okamoto^{1,2}

¹Institute for Molecular Science, Japan, ²The Graduate University for Advanced Studies (Sokendai), Japan

[ThPM1-07-I-2] (Invited)

14:50-15:10

Chiro-optical Activity of Chiral and Achiral Plasmonic Structures

Jennifer S. Shumaker-Parry¹, Peter Stevenson¹, Kate Rodriguez², Vekanta Ananth Tamma², Caitlin Coplan¹, Endora Abreu¹, Vartkess Ara Apkarian²

¹University of Utah, USA, ²University of California-Irvine, USA

[ThPM1-07-O-3]

15:10-15:25

Nanoparticle–nanoparticle vs. Nanoparticle–substrate Hot Spot Contributions to the SERS Signal: Studying Raman Labelled Monomers, Dimers and Trimers ¹

Sergiienko S.^{1,2}, Moor K.¹, Arbut A.¹, Gudun K.¹, Elemessova Z.¹, and Bukasov R.¹

¹Nazarbayev University, Kazakhstan, ²National University of Science and Technology MISiS, Russia

[ThPM1-07-O-4]

15:25-15:40

Through-Space Transfer of Chiral Information Mediated by a Plasmonic Nanomaterial

Saeideh Ostovar pour¹, Louise Rocks², Karen Faulds², Duncan Graham², Vaclav Parchansky³, and Petr Bour³, and Ewan W. Blanch¹

¹RMIT University, Australia, ²University of Strathclyde, U.K., ³University of Chemistry and Technology, Czech Republic

[ThPM1-07-O-5]

15:40-15:55

Peptide Directed Chiral Plasmonic Nanostructure for Strong Optical Dissymmetry

Hye-Eun Lee and Ki Tae Nam

Seoul National University, Korea

[ThPM1-07-K-6] (Keynote)

15:55-16:25

Spatio-temporal Responses of Plasmons Excited in Metal Nanostructures

Kohei Imura

Waseda University, Japan