
Session Title: Nano-scale and Nanostructured Materials and Devices IV
Date & Time: **November 2, 2016 (Wed) / 10:15~12:00**
Room: **E (Room 105)**

Session Chair: Fred Brouwer (Univ. of Amsterdam, Netherlands)

2E1-1

10:15~10:40

[Invited] Composite Sol-Gel Materials with Plasmonic Nanostructures for Optical Applications

Stephane Parola¹, **D. Chateau**¹, **A. Liotta**¹, **F. Lerouge**¹, **F. Chaput**¹, **H. Lunden**², **C. Lopes**², and **M. Lindgren**^{2,3}

¹Université Lyon, France, ²Swedish Defence Research Agency, Sweden, ³NTNU Trondheim, Norway

2E1-2

10:40~11:05

[Invited] Recent Advances in Semiconducting Quantum Dots for Optoelectronic and Photonic Applications

Kwang-Sup Lee

Hannam University, Korea

Session Chair: Damian Pocięcha (University of Warsaw, Poland)

2E1-3

11:05~11:30

[Invited] Aqueous Self-Assembly of Sugar-Based Block Copolymers Leading to Sugar-Decorated Nanoparticles

Toshifumi Satoh¹, **Takuya Isono**¹, and **Redouane Borsali**²

¹Hokkaido University, Japan, ²University Grenoble Alpes, France

2E1-4

11:30~11:55

[Invited] Efficient Organometal Halide Perovskite Light-Emitting Diodes

Tae-Woo Lee

Seoul National University, Korea