

2016 EMN Nanocrystals Meeting

October 17 – 21, 2016

Grand Metropark Xi'an Hotel, Xi'an, China

October 17	
14:30 – 17:00 PM	On-site Registration

October 18		
9:00-9:10 AM	Opening	
Session I		
9:10-9:35 AM	Optical properties of Si nanocrystals fabricated by ion implantation and reactive PLD	T.S.Iwayama Aichi University of Education, Japan
9:35-10:00 AM	Crystal structure alteration of group IV semiconductor nanocrystals	Seichi Sato University of Hyogo, Japan
10:00-10:25 AM	High-power current-injection type Silicon laser using nanophotonics	Tadashi Kawazoe The University of Tokyo, Japan
10:25-10:45 AM	Session break	
10:45-11:10 AM	Moiré superlattices	Pilkyung Moon New York University Shanghai & New York University, China
11:10-11:35 AM	Nanocrystalline High-Pressure Titanium Dioxide Phase For Hydrogen Generation Under Visible Light	Hadi Razavi-Khosroshahi Nagoya Institute of Technology, Japan
Lunch		

October 19

Session II		
9:00-9:25 AM	Application of Computational Chemistry to Novel Alloy Nanoparticle Systems	Michihisa KOYAMA Kyushu University, Japan
9:25-9:50 AM	Millimeter-Wave Silicon Microchips for Wireless Detection, Sensing and Communications.	Cam V Nguyen Texas A&M University, USA
9:50-10:10 AM	Session break	
10:10-10:35 AM	Dipolar nature and orientation of single fluorescent colloidal semiconductor nano-emitters	Laurent Coolen Université Pierre et Marie Curie, France
10:35-11:00 AM	Optical properties of CdSe colloidal quantum well	Louis Biadala CNRS-IEMN, France
11:00-11:25 AM	Characterization of Si Nanocrystals Embedded in SiO ₂ Matrix by Atom Probe Tomography	Bin Han Institute for Materials Research, Tohoku University, Japan
Lunch		

Oct.20**Session III**

9:00-9:25 AM	Energy Generation along Patterned Surfaces in Nano-scale Irradiated by a Pulsed Laser	Peng-Sheng Wei National Sun Yat-Sen University, Taiwan
9:25-9:50 AM	Carbon-based composite material for energy storage application	Yan Wang University of Electronic Science and Technology of China, China
9:50-10:15 AM	Freestanding polymer nanocomposite films: overcoming drawbacks in substrate supported films for optical applications	Govindaraj Shanmugam Vel Tech, Avadi, India
10:15-10:35 AM	Session break	
10:35-11:00 AM	An investigation of the structure and dynamics of supercooled liquid silica	Julian Geske Technische Universität Darmstadt, Germany
11:00-11:25 AM	Heating and Melting of Patterned Surfaces in Nano-scale Irradiated by a Pulsed Laser	Peng-Sheng Wei National Sun Yat-Sen University, Taiwan
Lunch		