

## 2014 CENIDE-CNMM-TIMS Joint Symposium on Interdisciplinary Nano-Science and Technology

Date Time	6 <sup>th</sup> January ( Mon. )	
0830-0900	Opening : Wei-Chung Wang (Vice President for Global Affairs)	
0900-0920	1. Speaker : Dr. Tobias Teckentrup	Title : Nano Research at the University of Duisburg-Essen
0920-0940	2. Speaker : Prof. Junji Nakamura	Title : Fuel Cell Catalysts using Nano-Carbons
0940-1000	3. Speaker : Prof. Keh-Yung Cheng	Title : Quantum Structure Lattice Arrays
1000-1040	Coffee break / Poster time	
1040-1100	4. Speaker : Prof. Wataru Kobayashi	Title : Layered Oxide $\text{Na}_x\text{MO}_2$ (M=Co, and Mn) as Cathode Material of $\text{Na}^+$ Secondary Battery
1100-1120	5. Speaker : Prof. Jer-Shing Huang	Title : Nano plasmonics for enhanced optical activity, optical trapping and organic solar cells
1120-1140	6. Speaker : Dr. Hartmut Wiggers	Title : Controlled formation of nanomaterials for energy applications
1140-1330	Lunch	
1330-1350	7. Speaker : Prof. Akira Sekiguchi	Title : Stable Radicals of the Heavy Group 14 Elements: From Phantom Species to Isolable Compounds and Their Application
1350-1410	8. Speaker : Prof. Huang, Hsuan-Yi	Title : Synthesis of Nanocrystals with Systematic Shape Evolution and Their Facet-Dependent Properties
1410-1430	9. Speaker : Dr. Rolf Möller	Title : Revealing molecular dynamics by scanning noise microscopy and spectroscopy
1430-1450	10. Speaker : Prof. Tatsuo Arai	Title : Photoisomerization and fluorescence properties of functionalized molecules
1450-1510	11. Speaker : Prof. Rong-Ming Ho	Title : Well-Ordered Nanoporous Materials from Block Copolymer Templates
1510-1540	Coffee break / Poster time	
1540-1600	12. Speaker : Prof. Yohei Yamamoto	Title : Anomalous Photoemission Properties from Self-Assembled $\pi$ -Conjugated Polymer Microspheres
1600-1620	13. Speaker : Prof. Ta-Jen Yen	Title : Revolutionary Metamaterials and Functional Nanodevices
1620-1640	14. Speaker : Prof. Tatsuya Nabeshima	Title : Multi-metal Supramolecular Systems for Highly Cooperative Molecular Systems
1640-1700	15. Speaker : Prof. Ya-Tang Yang	Title : Nano optical tweezer and microfluidic chemostat for bacteria culture
1700-1720	16. Speaker : Prof. Wei, Zung-Hang	Title : Cells patterning and cells manipulations using microstructured ferromagnetic thin films
1720-1740	17. Speaker : Prof. Nyan-Hwa Tai	Title : Preparation of Few-Layer Graphene and its application in flexible transparent conductive film
1800-	Banquet	

Date Time	7 <sup>th</sup> January ( Tue. )	
0840-0900	18. Speaker : Prof. Po-Wen Chiu	Title : Graphenetrionics: from growth to applications
0900-0920	19. Speaker : Prof. Yasuhiro Hatsugai	Title : Universality and variety of edge states in graphene and silicene
0920-0940	20. Speaker : Dr. Masaki Takeguchi	Title : Development of Annular Dark Field Scanning Confocal Electron Microscopy (ADF-SCM)
0940-1000	21. Speaker : Prof. K. S. Chang-Liao	Title : Dielectric Engineering for 3D Poly-Si Flash Memory Devices
1000-1020	22. Speaker : Prof. Chenhsin Lien	Title : Ultra High Density 3D Via RRAM in Pure 28nm CMOS Process
1020-1050	Awards for Poster : Prof. Hsieh, Kuang-Chien (Director of CNMM)	
11:00-	The End	