

**The 8th International ChemComm Symposia
at Ulsan National Institute of Science and Technology (UNIST)
and Ewha Womans University**

“Molecular Design and Analysis”

**Ulsan National Institute of Science and Technology (UNIST)
12 – 13 August 2015**

Natural Sciences Building, E206
Address: 50 UNIST-gil, Eonyang-eup, Ulju-gun, Ulsan 689-798, Korea
(<http://www.unist.ac.kr/about-unist/directions/map/>)

Wednesday 12 August

11:30	Registration, Lunch
12:30	Welcome by the Royal Society of Chemistry Editor of Chemical Communications
13:00	Opening Remarks Professor Mi Hee Lim & Professor Wonwoo Nam
	Session 1 Session Chair: Professor Tae-Hyuk Kwon
13:20	Organic/Graphene Based Nanomaterials and Nanodevices Professor Kwang S. Kim <i>UNIST</i>
13:50	Molecular Imaging Approaches to Studying Chemistry in the Brain Professor Christopher J. Chang <i>University of California, Berkeley</i>
14:20	Photoredox Catalysis Mediated by Cyclometalated Ir(III) and Pt(II) Complexes Professor Youngmin You <i>Ewha Womans University</i>
14:45	Real-Time Visualization of Nano-Bio Interactions <i>in situ</i> Using 3D Multi-Resolution Imaging Professor Haw Yang <i>Princeton University</i>
15:15	Molecular Imaging of NqrC-ApbE Reactive Interaction (MINARI) in Mammalian Cell Professor Hyun-Woo Rhee <i>UNIST</i>
15:40	Afternoon tea
	Session 2 Session Chair: Professor Kyoung Taek Kim
16:00	Engineered Metallobiomolecules for Hydrogen Production Professor Kara L. Bren <i>University of Rochester</i>
16:30	Nanocrystal conversion chemistry within a nanosized silica media: Solid-state route toward colloidal hollow nanoreactors and MRI contrast agents Professor In Su Lee <i>POSTECH</i>
16:55	Structural Biology in the Gas Phase: New Approaches for Conformationally-selective Inhibitor Screening and Multiprotein Topology Mapping Professor Brandon Ruotolo <i>University of Michigan</i>
17:25	Structures and Interactions of Intrinsically Disordered Amyloid Proteins under Water Limited Environments Professor Hugh I. Kim <i>POSTECH</i>

17:50	Chasing Phosphohistidine, “Dark Matter” in the Phosphoproteome Professor Jung-Min Kee <i>UNIST</i>
18:15	Campus Tour
19:00	Welcome Reception
	Close of session

Thursday 13 August

	Session 3 Session Chairs: Professor Ja-Hyoung Ryu & Professor Bum Suk Zhao
09:30	Relief of forbidden catenation in a metal-organic framework: Network conversion from interpenetration-frustrated gta to interpenetration-allowed hms topology Professor Myoung Soo Lah <i>UNIST</i>
09:55	Hybrid Materials of Transition Metal Chalcogenides and Reduced Graphene Oxide Professor Hyeon Suk Shin <i>UNIST</i>
10:20	Synthetic Modeling Chemistry of [Fe-S] Clusters in NO Signaling Professor Eunsuk Kim <i>Brown University</i>
10:45	Catalytic Synthesis of Heterocycles Professor Cheol-Min Park <i>UNIST</i>
11:10	Can Duplex DNA Conduct Electrons? Professor Fangwei Shao <i>Nanyang Technological University</i>
11:35	Ultrafast Chemical Dynamics in Non-Fluorescent 8-Hydroxyquinoline Professor Oh-Hoon Kwon <i>UNIST</i>
12:00	Proteolysis of a Human Host-Defense Peptide Unmasks Innate Immune Function Professor Elizabeth Nolan <i>MIT</i>
12:25	Closing remarks Professor Mi Hee Lim & Professor Wonwoo Nam
12:35	Close of meeting