8-3 実践的化学·物質科学英語講義等

8-3-1 英語集中講義:総合化学特論II

Date	Course	Instructor
10/1-3	Modern Trends in Chemical Sciences and Engineering II	Prof. Stéphane
	(Special Lecture 2013 – I))	Bellemin-Laponnaz
	"Kinetic Resolution: Concepts and Applications"	Université de Strasbourg
	"Asymmetric Catalysis: the Role of Symmetry"	France
	"N-Heterocyclic Carbenes: Selected Applications and Synthesis of	Trunce
	the Precursors"	
	"Biodegradable Polymers: the case of poly(lactic acid)"	
	"Catalytic performance and recycling of oxazoline-based catalysts"	
10/9-10	Modern Trends in Chemical Sciences and Engineering II	Prof. Bruce C. Gates
	(Special Lecture 2013 – II))	University of California,
	"Need for Catalyst Characterization"	Davis, USA
	"Introduction to Surface Analysis Techniques"	and
	"Catalyst Characterization by Electron Microscopy"	Prof. Kiyotaka Asakura
	"Introduction to XAFS"	Hokkaido University,
	"Characterization of Catalysis by XAFS"	Japan
11/20-22	Modern Trends in Chemical Sciences and Engineering II	Prof. Long Lu
	(Special Lecture 2013 – III)	Shanghai Institute of
	"Fluoromonomers and Fluoropolymers"	Organic Chemistry
	"Organofluorine Chemistry and Crop Protection"	China
	"Catalytic Asymmetric Construction of Trifluoromethyl-Substituted	Cinna
	Tertiary Carbon Center"	
	Palladium-Catalyzed Coupling of Polyfluorinated Arenes with	
	"From Trifluoromethylation to Trifluoromethylthiolation:	
	Development of New Trifluoromethylthiolated Hypervalent Iodine	
	Reagent"	
10/29-31	Modern Trends in Chemical Sciences and Engineering II	Prof. Jae-Suk Lee
	(Special Lecture 2013 – IV))	GIST, Korea
	"Synthesis of conducting polymerization by cross coupling reaction"	
	"Living anionic polymerization of isocyanates"	
	"Synthesis of amphiphilic block copolymers and their morphology"	
	"Condensation polymerization of poly(arylene ether)s for waveguide	
	and electrolytes"	
	"Chiral and morphology studies on polyisocyanates"	
12/2-4	Modern Trends in Chemical Sciences and Engineering II	Prof. Nikolai Sokolov
	(Special Lecture 2013 – V)	Ioffe Physical-Technical
	"Molecular beam epitaxy of fluoride heterostructures: CaF2 on Si	Institute of Russian
	and Co on CaF2 systems"	Academy of Sciences.
	"Epitaxial growth of other fluorides. Unusual properties of CdF2	Russia
	heterostructures"	Rubblu
	"Luminescence studies of CaF2:RE layers and CdF2 superlattices"	
	"Magnetic properties of MBE-grown ferromagnet (Co,	
	Ni)-antiferromagnet (MnF2, NiF2) heterostructures"	
	"Growth process and properties of Co(Ni)/fluoride	
	nanoheterostructures"	
12/9-12	Modern Trends in Chemical Sciences and Engineering II	Prof. Dr. Anke Weidenkaff
	(Special Lecture 2013 – VI)	EMPA, Switzerland
	"New Perovskite-type and Heusler based semiconductors"	
	"Thermoelectric power generators: devices and materials"	
	"Photoelectrochemical cells PEC's: devices and materials"	
	"Battery Materials"	
	"Perovskite-Type Materials for Renewable Energy technologies"	

Modern Trends in Chemical Sciences and Engineering II