

The 19th Hiroshima International Symposium on Synchrotron Radiation

VUV synchrotron radiation based materials science: Present status and future prospects

March 5th - March 6th, 2015
Hiroshima University, Faculty Club



Sponsor : Hiroshima Synchrotron Radiation Center, Hiroshima University (HiSOR)

<http://www.hsrc.hiroshima-u.ac.jp>

March 5 th (Thursday)		Latest status of synchrotron radiation science in the world	
■ Arrival and registration			8:30 ~ 9:00
■ Opening address		Chairperson: H. Namatame	9:00 ~ 9:20
○ Fusahito Yoshida	Vice President, Hiroshima University		
○ Masaki Taniguchi	Director of Synchrotron Radiation Center, Hiroshima University		
"HiSOR overview"			
■ Conference photo			9:20 ~ 9:45
■ Oral session 1 High-resolution photoemission spectroscopy		Chairperson: K. Shimada	9:45 ~ 11:45
○ Jürgen Henk	Martin Luther University of Halle-Wittenberg, Germany		
"Spin-resolved photoemission from spin-orbit coupled systems - on limits of its interpretation"			
○ Sergey Borisenko	IFW-Dresden, Germany		
"Studying the superconducting and topological matter by synchrotron-based ARPES"			
○ Milan Radovic	Swiss Light Source, Paul Scherrer Institut, Switzerland		
"Spectroscopy views of low dimensional electron gas (LDEGs) at STO surface and LAO/STO interface: final depiction"			
■ Lunch			11:45 ~ 13:00
■ Poster session (Activities at HiSOR)		Chairperson : M. Sawada	13:00 ~ 14:50
※Best Student Poster Award※			
We will present the Best Student Poster Award. The winner will be announced during the welcome reception.			
■ Oral session 2 VUV-CD spectroscopy		Chairperson : K. Matsuo	14:50 ~ 16:10
○ Tim J. Wooster	Nestec Ltd., Nestlé Research Centers, Switzerland		
"Using SRCD to understand protein folding at interfaces"			
○ Reiko Kuroda	Tokyo University of Science, Japan		
"Chirality in the solid phase"			
■ Coffee break			16:10 ~ 16:30
■ Oral session 3 Spin resolved photoemission spectroscopy		Chairperson : T. Okuda	16:30 ~ 18:30
○ Jörg Schäfer	Julius Maximilian University of Würzburg, Germany		
"Spectroscopy of low-dimensional epitaxial materials with spin-controlled properties"			
○ Oleg Tereshchenko	Novosibirsk State University, Russia		
"Electron spin polarimetry in ferromagnetic/semiconductor hybrid structures: towards an optical spin-detection with spatial resolution for spin-resolved photoemission"			
○ Toru Hirahara	Tokyo Institute of Technology, Japan		
"Electronic structure of ultrathin materials: films and heterostructures of Bi-related compounds"			
■ Welcome reception	Saijo HAKUWA HOTEL	Chairperson : H. Sato	19:00 ~ 20:30
March 6 th (Friday)		Future prospects of synchrotron radiation science	
■ Oral session 4 VUV laser based advanced experiments		Chairperson : H. Iwasawa	8:45 ~ 10:45
○ Ulrich Höfer	Philipps-Universität Marburg, Germany		
"Time-resolved electron spectroscopy of surfaces and interfaces with two-photon photoemission"			
○ Martin Aeschlimann	University of Kaiserslautern, Germany		
"Time- and angle-resolved photoemission spectroscopy on a femtosecond time-scale"			
○ Takayuki Kiss	Osaka University, Japan		
"Ultrahigh resolution, low temperature laser photoemission spectroscopy"			
■ Coffee break			10:45 ~ 11:00
■ Oral session 5 New feature of synchrotron radiation		Chairperson : A. Kimura	11:00 ~ 12:45
○ Michel van Veenendaal	Northern Illinois University, APS, USA		
"Resonant x-ray scattering with twisted and pulsed x-ray beams"			
○ Yasunori Toda	Hokkaido University, Japan		
"Spatiotemporal coherent spectroscopy using singular optical pulses"			
○ Shigemi Sasaki	Hiroshima University, Japan		
"Observation of light's orbital angular momentum in helical undulator radiation harmonics"			
■ Closing		Chairperson: K. Shimada	12:45 ~ 12:50

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