

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



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	19:00 ~ 20:30
Chairperson : H. Sato		
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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