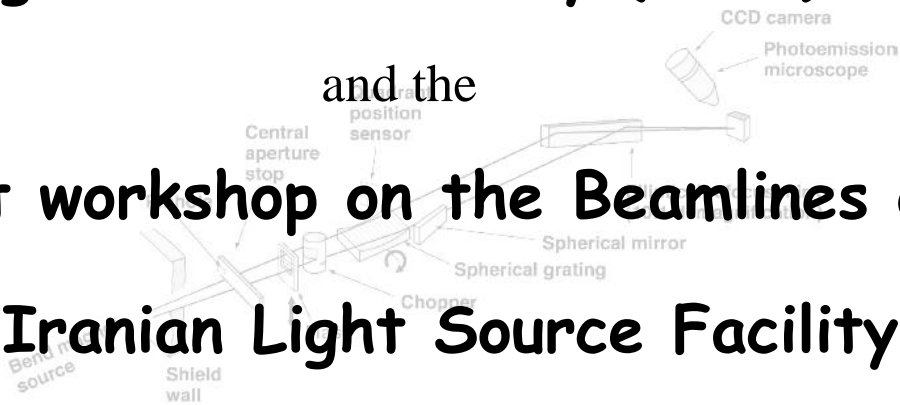


Institute for Research in Fundamental Sciences (IPM) organizes the

“Third users’ meeting of the Iranian Light Source Facility (ILSF)”

and the “First workshop on the Beamlines of the Iranian Light Source Facility”



21 – 24 November 2010
IPM, Tehran

Organizing Committee

Mahmoud Tabrizchi, Sharmin Kharrazi, Hussein Khosroabadi
Nooshin Jenabi, Shirin Davarpanah

Guest Speaker

Prof. Ronald Frahm
Wuppertal University - Germany

Day 1
Sunday, November 21, 2010

CHAIR	Time	Name	Subject
	8:30 – 9:00 am	Registration & Opening	
	9:00 – 9:25 am	Javad Rahighi	Overview and Current Status of the Iranian Light Source Facility
	9:25 – 9:45 am	Mahmoud Tabrizchi	Report on Iranian Synchrotron Users
Mahmoud Tabrizchi	9:45 – 10:30 am	Ronald Frahm	Synchrotron Radiation Research Worldwide: New Sources and Possibilities
	10:30 – 11:00 am	Tea Break	
	11:00 – 12:00 pm	Ronald Frahm	Challenging Topics in Synchrotron Radiation Research
	12:00 – 1:30 pm	LUNCH	
Amir Rozatian	1:30 – 2:00 pm	Amir Rozatian	Powder Diffraction
	2:00 – 2:30 pm	M. H. Habibi	Single Crystal Diffraction
	2:30 – 3:00 pm	S. Asgharizadeh	X-ray Reflectivity
	3:00 – 3:30 pm	Tea Break	
	3:30 – 5:00 pm	Group 1 (Diffraction, Crystallography, Reflectivity)	Discussion
	5:00 – 5:30 pm	Tea (End of Day1)	

Day 2
Monday, November 22, 2010

CHAIR	Time	Name	Subject
Hussein Khosroabadi	8:30 – 9:30 am	Ronald Frahm	Design of X-Ray Beamlines: Source Properties, Insertion Devices, Crystal Optics
	9:30 – 10:00 am	Tea Break	
	10:00 – 11:00 am	Ronald Frahm	Design of X-Ray Beamlines: Mirrors, Focusing Optics, Heat Load
	11:00 – 11:15 am	Tea Break	
	11:15 – 12:00 pm	Ronald Frahm	Inside the Experimental Hutch: Samples, Detectors, Electronics
	12:00 – 1:30 pm	LUNCH	
Mahmoud Tabrizchi	1:30 – 2:00 pm	Hussein Ranaei	X-ray Magnetic Circular Dichroism
	2:00 – 2:30 pm	Omid Reza Kakuee	X-ray Fluorescence
	2:30 – 3:00 pm	Tea Break	
	3:00 – 3:30 pm	Hussein Khosroabadi	Inelastic X-ray Scattering for Lattice Dynamics
	3:30 – 5:00 pm	Group 2 (XMCD, XRF, IXS)	Discussion
	5:00 – 5:30 pm	Tea (End of Day 2)	

Day 3
Tuesday, November 23, 2010

CHAIR	Time	Name	Subject
Sharmin Kharrazi	9:00 – 9:30 am	Javad Rahighi	Report on the Progress of the SESAME project, discussion
	9:30 – 10:00 am	Tea Break	
	10:00 – 11:00 am	Ronald Frahm	High Precision Movements, Computer Systems, Infrastructure for Beamlines and Experiments
	11:00 – 11:15 am	Tea Break	
	11:15 – 12:00 pm	Ronald Frahm	Sources, Monochromators and Science in the MeV Range
	12:00 – 1:30 pm	LUNCH	
Hussein Khosroabadi	1:30 – 2:15 pm	Ali Bahari Reza Omidian	Auger Electron Spectroscopy Photoemission Spectroscopy
	2:15 – 2:45 pm	Azam Irajizad	Electron Spectroscopy for Chemical Analysis
	2:45 – 3:15 pm	Tea Break	
	3:15 – 3:45 pm	Sharmin Kharrazi	X-ray Photoelectron Emission Microscopy
	3:45 – 5:00 pm	Group 3 (PES, AES, ESCA, XPEEM)	Discussion
	5:00 – 5:30 pm	Tea (End of Day 3)	

Day 4
Wednesday, November 24, 2010

CHAIR	Time	Name	Subject
Vahid Changizi	8:30 – 9:15 am	Mehdi Ghorbani Vahid Changizi	Microbeam Radiation Therapy, Diffraction Enhanced Imaging, Photon Activation Therapy Small Angle X-ray Scattering
	9:15 – 10:00 am	Majid Erfani Jahan Ali-Khajeh	Macromolecular Crystallography
	10:00 – 10:30 am	Tea Break	
Nasrin Moazami	10:30 - 11:00 am	Nasrin Moazami	Beamline for Medical Science
	11:00 – 12:00 pm	Group 4 (Biological and Medical Applications)	Discussion
	12:00 – 1:30 pm	LUNCH	
Javad Rahighi	1:30 – 2:15 pm	Ronald Frahm	Preparing for the Realization of the ILSF: Source, First Set of Beamlines, Staff Training, Users and Students
	2:15 – 4:00 pm	Round-table Discussion	
	4:00 – 4:30 pm	Tea (End of Day 4)	

Group1	Powder Diffraction	Single Crystal Diffraction	X-ray Reflectivity
	Amir Rozatian M.E. Ghazi N. Hadipour G.R. Nabiyouni Mehdi Safa	M.H. Habibi M.A. Emami Mehdi Amir-Nasr M. Montazerozohour M. Pouramini	S. Asgharizadeh

Group 2	XMCD	XRF	IXS	Lithography
	Hussein Ranaei	O.R. Kakuee D. Agha-Aligol Ali Baghizadeh V. Fathollahi Parvin Oliaiy Farah Shokouhi	H. Khosroabadi	M. Askari

Group3	PES, AES	ESCA	XPEEM
	Mahmoud Tabrizchi Ali Bahari Reza Omidiyan Mehrdad Bamdad Hadi Zamanpour Fariman Fathi	Azam Irajizad M.M. Ahadian	Sharmin Kharrazi Majid Kazemian- Abyaneh

Group 4	Macromolecular Crystallography	Medical Applications
	Jahan Ali-Khajeh Majid Erfani Khosrow Khajeh H. Naderimanesh Azadeh Shahsavari Fateme Elmi H. Zali Simin Rahighi	Nasrin Moazami Mehdi Ghorbani Vahid Changizi A.H. Feghi M.R. Ghassemi