

TAC Light Sources (SR & FEL)
International Users' Meeting (LSUM-2013)
October 5-7, 2013

50. Yil Hall, Faculty of Pharmacy, Ankara University

MEETING PROGRAM

SATURDAY (10/05/2013)

CHAIRMAN: Hasan YAVAS

SESSION - I	Speaker/Institute	Title
09:00 - 09:10	Welcome and Opening	
09:10 - 09:35	Ömer YAVAŞ (Ankara University)	"Turkish Accelerator Centre (TAC): The Status and the Roadmap"
09:35 - 10:00	Suat ÖZKORUCUKLU (S. Demirel University)	"The Status of TARLA Facility"
10:00 - 10:25	Pervin ARIKAN (Gazi University)	"Proposed Experimental Stations of TARLA IRFEL Facility and R&D Potential"
10:25 - 10:50	Zafer NERGİZ (Niğde University)	"Design Study For The Storage Ring of Turkish Light Source"

10:50 - 11:10 **Coffee Break (20 min.)**

CHAIRMAN: Ercan ALP

SESSION - I	Speaker/Institute	Title
11:10 - 11:55	Britta REDLICH (FELIX)	"The infrared and THz user facility FELIX in Nijmegen - Instrumentation and applications"
11:55 - 12:40	Serguei MOLODTSOV (Eur. XFEL)	"European XFEL: Status, Soft X-Ray instrumentation and Contributions by Users Consortia"

12:40 - 14:00 **LUNCH BREAK**

CHAIRMAN: Ömer YAVAS

SESSION - II	Speaker/Institute	Title
14:00 - 14:45	Franz KAERTNER (CFEL-DESY)	"Ultrafast laser technologies for next generation x-ray facilities: Timing and Seeding"
14:45 - 15:30	Wolfgang SEIDEL (HZDR)	"The IR and THz user facility FELBE"

15:30 - 15:50 **Coffee Break (20 min.)**

CHAIRMAN: Ozgul K. OZTURK

SESSION - II	Speaker/Institute	Title
15:50 - 16:25	Yngve CERENIUS (MAX-IV)	"Utilizing the emittance – initial beamlines on MAX IV"
16:25 - 17:00	Miguel Angel Garcia ARANDA (ALBA)	"Overview of ALBA synchrotron Light Source"
17:00 - 17:35	Daniel SHULTE (CERN, Geneva)	"Ideas for an FEL based on CLIC Technology"
17:35 - 18:00	Poster Cameos	
18:00 - 18:30	Poster Session	

19:00 **DINNER**

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SUNDAY (10/06/2013)

CHAIRMAN: Zehra SAYERS

SESSION - III	Speaker/Institute	Title
09:00 - 09:25	<i>Ercan ALP (Argonne National Lab.)</i>	"Modern Trends In Synchrotron Radiation Research and its implications for TAC Light Source Projects"
09:25 - 09:55	<i>Rob MEIJERS (EMBL, Hamburg)</i>	"Biological sample preparation in a synchrotron environment"
09:55 - 10:25	<i>Alessandro SPILOTROS (EMBL, Hamburg)</i>	"Biological solution scattering at the P12 BioSAXS beamline of EMBL Hamburg"
10:25 - 10:55	<i>Burcu KAPLAN (IBCP, Lyon)</i>	"Structural biology of bacterial pathogenesis"

10:55 - 11:15 Coffee Break (20 min.)

CHAIRMAN: Semra IDE

SESSION - III	Speaker/Institute	Title
11:15 - 11:45	<i>Inma PERAL (ALBA)</i>	"High Pressure Powder Diffraction at ALBA synchrotron"
11:45 - 12:15	<i>James ABLETT (Synchrotron Soleil)</i>	"Inelastic X-ray Scattering at Extreme Conditions"
12:15 - 12:45	<i>Bora KALKAN (Lawrence Berkeley Lab.)</i>	"Polymorphism and Polyamorphism at Extreme Conditions"

12:45 - 14:15 LUNCH BREAK

CHAIRMAN: Pervin ARIKAN

SESSION - IV	Speaker/Institute	Title
14:15 - 14:45	<i>Sevim Akyüz (Kültür University)</i>	"Comparison Of FTIR Spectra Of Biomolecules Acquired Using Synchrotron IR and Thermal IR Sources"
14:45 - 15:15	<i>Sangam CHATTERJEE (Philipps-Uni. Marburg)</i>	"Exciton interstate dynamics in photoexcited quantum wells manipulated by strong narrow-band THz pulses"
15:15 - 15:45	<i>Talat YALÇIN (IZTECH, İzmir)</i>	"Infrared Multiple Photon Dissociation (Impd) Spectroscopy Of B7 Ions From Model Acetylated Peptides"
15:45 - 16:15	<i>Arif DEMİR (Kocaeli University)</i>	"Nanosaniye ve Femtosaniye lazer atımlarıyla biyolojik uygulamalar"

16:15 - 16:35 Coffee Break (20 min.)

CHAIRMAN: Suheyra OZBEY

SESSION - IV	Speaker/Institute	Title
16:35 - 17:00	<i>Şebnem GARİP (Kemerburgaz University)</i>	"Epileptic seizure-induced structural changes in genetically epileptic rat bone tissues: a synchrotron-Fourier transform infrared imaging study"
17:00 - 17:25	<i>Sevda AVCI (Kocatepe University, Afyon)</i>	"Impact Of Excess Oxygen On Structure Of Geometrically Frustrated KagomÃ© System YBaCo4O7+Δ"
17:35 - 19:00	Business MEETING for TURKAY and SESAME Users with TAEK representatives	

19:00

DINNER

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MEETING PROGRAM

MONDAY (10/07/2013)

CHAIRMAN: Sinan KUDAY

SESSION - V	Speaker/Institute	Title
09:00 - 09:30	<i>Stephan KASSEMEYER (MPI, Hiedelberg)</i>	"Single particle imaging using FELs"
09:30 - 10:00	<i>Rico SHURIG (HZDR)</i>	"ELBE Overview and Operation"
10:00 - 10:25	<i>Hüseyin ÇANKAYA (CFEL, DESY, Hamburg)</i>	"Optical Frequency Synthesizer For High-Harmonics Applications"

10:25 - 11:45 Coffee Break (20 min.)

CHAIRMAN: Zafer NERGIZ

SESSION - V	Speaker/Institute	Title
10:45 - 11:10	<i>Şefik SÜZER (Bilkent University)</i>	"Dynamical XPS Measurements"
11:10 - 11:35	<i>Yunus Eren KALAY (METU)</i>	"Investigations Of Disordered Metallic Systems Using Synchrotron Radiation"
11:35 - 12:10	<i>Kaan ATAK (Helmholtz Zentrum Berlin)</i>	"Recent Developments In Soft X-Ray Spectroscopies In Investigating The Functional Materials In Solut"

12:10 - 13:30 LUNCH BREAK

SESSION - VI	Speaker/Institute	Title
13:30 - 17:00	<i>Working Group Studies on TURKAY Beam Lines and Scientific Case Report</i>	