

Program

10.2.2014 (pondelok)

príchod účastníkov, registrácia

11.2.2014 (utorok)

08:30 – 08:45 otvorenie

08:45 – 09:30 P. Sovák (Košice): Slovak Involvement to the XFEL Project

09:30 – 10:30 S. Molodsov (Hamburg): European XFEL: Project Status and Contributions by User Consortia

11:00 – 12:00 A. Mancuso (Hamburg): Imaging and Structural Biology at the European XFEL: The Single Particles, Clusters and Biomolecules (SPB) Instrument

12:00 – 13:00 J. Uličný (Košice): X-ray imaging of Mesoscopic structure of DNA

15:00 – 18:00 K. SaksI (Košice), I. Barak (Bratislava): XFEL - user consortium SFX
diskusia okolo okrúhleho stola (moderátor K. SaksI)**12.2.2014 (streda)**

09:00 – 09:45 M. Pavlovič (Bratislava): Accelerators for Material Research: from Rutherford to Synchrotrons

09:45 – 10:30 L. Juha (Praha): Nanostructures Produced by Extreme Ultraviolet and Soft X-ray Laser Radiation

11:00 – 11:45 Š. Michalik (Praha): Time Resolved X-ray Diffraction with Using Laser Induced Secondary X-ray Sources

11:45 – 12:30 P. Vagovic (Hamburg): Coherent Imaging with Bragg Magnifier

14:00 – 14:45 J. Bednarčík (Hamburg): X-ray Diffraction with High-energy Synchrotron Radiation

14:45 – 15:30 O. Milkovič (Košice): Temperature Stability of Nanoparticles Evaluated by Diffraction

15:30 – 16:00 M. Přeček (Praha): Fluorescent Chemical Dosimetry in Ultra-fast Pulse Radiolysis: Study of Dose Rate Effects

16:30 – 17:30 V. Procházka (Olomouc): Nuclear Resonant Scattering

17:30 – 18:15 V. Cháb (Praha): Surface Analysis of Some Technically Important Alloys

18:15 – 18:35 K. Horáková (Praha): Surface Composition of the Ni₂MnGa Alloy**13.2.2014 (štvrtok)**

09:00 – 10:30 H. Chapman (Hamburg): Structure Determination with X-ray Lasers

11:00 – 12:00 M. M. Kocsis (Grenoble): The ESRF Upgrade - an X-ray Vision

12:00 – 12:30 F. Kasnár (Bratislava): Fast CCD Detector at European XFEL

14:00 – 14:30 P. Brázda (Praha): Study of □-Fe₂O₃ Nanoparticles by Synchrotron Radiation

14:30 – 14:50 J. Gamcová (Hamburg): Synchrotron Radiation and Indentation at Nanofocused Beamlines at PETRA III Synchrotron in DESY

14:50 – 15:10 L. Vyšín (Praha): Radiation Damage to Nucleic Acids and Lipids Irradiated by XUV Laser Radiation

15:10 – 15:30 T. Burian (Praha): X-ray Laser-induced Damage to Inorganic Scintillator Materials

15:30 – 15:45 I. Matulková (Praha): Thermal Transformations in Solids Studied by Vibrational Spectroscopy and X-ray Diffraction

16:15 – 17:45 M. Pavlovič (Bratislava): University scientific park CAMBO

P. Murín (Košice): SK-ESFRI

14.2.2014 (piatok)

odovzdávanie certifikátov o účasti, odchod účastníkov