INSTRUMENTATION AND NEW TECHNIQUES
Tuesday, July 24, 5:00 – 6:30

vuvABS571 Dr. Masaki Koike MULTILAYER BRAGG-FRESNEL MONOCHROMATOR FOR FOCUSING SOFT X-RAYS

vuvABS587 Dr. Laurent NAHON SUS: A variable polarization facility in the VUV

vuvABS640 Prof. Hans Grimmer Optical components for polarization analysis at the vanadium L3 edge and the carbon K edge

vuvABS661 Dr. Maria Luiza Rocco Electron and photon stimulated desorption of CO2 condensed onto polycrystalline copper

vuvABS662 Dr. Maria Luiza Rocco A new and simple mass calibration procedure for time-of-flight studies of stimulated desorption of ions from solid samples

vuvABS674 Dr. Shan Qiao Electron Optics with Cylindrical Deflector for Spin-Resolved Inverse Photoemission Spectroscopy

vuvABS680 Prof. Sergei Avakyan Space solar patrol apparatus for the photometric measurements at photon-energy range from 8 eV to 8 keV

vuvABS707 Prof. Sergej Nepijko RESOLUTION OF EMISSION ELECTRON MICROSCOPY IN THE PRESENCE OF MAGNETIC FIELDS AT THE OBJECT SURFACE

vuvABS743 Dr. Eva Majkova Figure error correction of multilayer mirrors for CuK(α) radiation

vuvABS773 Dr. Hyun-Joon Shin Activity at the Spectromicroscopy End Station at the PLS 8A1 Undulator Beamline

vuvABS799 Dr. Claudio Masciovecchio Inelastic Ultra Violet Scattering (IUVS) Beamline

vuvABS942 Dr. Burkhard Kaulich Differential interference contrast for X-rays

vuvABS960 Mr. Takashi Tokushima DESIGN OF A FLAT FIELD SPECTROMETER FOR SOFT X-RAY EMISSION SPECTROSCOPY

vuvABS1018 Dr. Barbara Steeg Characterization of mirror coatings for X-ray Free Electron Lasers

vuvABS1059 Dr. Andreas Oelsner IMAGING OF DICHROISM IN PHOTOEMISSION ELECTRON MICROSCOPY AT NON-MAGNETIC MATERIALS USING CIRCULARLY POLARIZED LIGHT

vuvABS1067 Mr. Michael Schicketanz A TIME OF FLIGHT DETECTOR FOR VISUALIZATION OF PHOTOEMISSION IMAGES AND MOMENTUM DISTRIBUTIONS

vuvABS1153 Dr. Yasutaka Takata A UHV APPARATUS FOR SOFT X-RAY SPECTROSCOPIC STUDIES OF
| vuvABS1162 | Dr. Masaki Oura | SURFACES UNDER TOTAL REFLECTION CONDITION |
| vuvABS1170 | Mr. Yuzi Kondo | FEASIBILITY STUDIES OF THE 3-DIMENSIONAL DETECTOR FOR THE SOFT X-RAY EMISSION SPECTROSCOPY |
| vuvABS1195 | Dr. Kenya Shimada | Microscopic Ultraviolet Photoelectron Spectrometer using He-I and He-II Resonance Lines |
| vuvABS1222 | Dr. Konstantin Menshikov | HIGH-RESOLUTION LOW-TEMPERATURE PHOTOEMISSION SPECTROSCOPY AT HISOR LINEAR UNDULATOR BEAMLINE |
| vuvABS1311 | Dr. Hermann A. Dürr | HIGH-RESOLUTION LOW-TEMPERATURE PHOTOEMISSION SPECTROSCOPY AT HISOR HELICAL UNDULATOR BEAMLINE |
| vuvABS1339 | Dr. Guido Paolicelli | TWO-PHOTON PHOTOELECTRON EMISSION MICROSCOPY OF MAGNETIC COPT NANOSTRUCTURES |
| vuvABS1395 | Dr. Paola Finetti | A novel apparatus for laser excited time resolved photoemission spectroscopy |
| vuvABS1402 | Dr. Haruhiko Ohashi | THE XMOSS OPTICAL AND PHOTOEMISSION SPECTROSCOPY PROJECT AT ELETTRA |
| vuvABS1419 | Dr. Tadashi Hatano | CLEANING OF OPTICAL ELEMENTS USED IN BEAMLINE BY SYNCHROTRON RADIATION EXCITED ETCHING |
| vuvABS1442 | Dr. Nicola Zema | Multilayer thickness control of ion beam sputtering on a spherical mirror substrate |
| vuvABS1451 | Dr. Anthony Young | The Circular Polarization Beamline at Elettra: recent progress. |
| vuvABS1505 | Ing. Angelo Giglia | A SOFT X-RAY UNDULATOR BEAMLINE AT THE ADVANCED LIGHT SOURCE WITH CIRCULAR AND VARIABLE LINEAR POLARIZATION FOR THE SPECTROSCOPY AND MICROSCOPY OF MAGNETIC MATERIALS |
| vuvABS1525 | Dr. Masayuki Yoshikawa | The beam position monitor for the XMOSS beamline at ELETTRA |
| vuvABS1535 | Mr. Yoshiyuki Takizawa | SPACE-RESOLVING VUV AND SOFT X-RAY SPECTROSCOPY IN THE TANDEM MIRROR GAMMA 10 PLASMA |
| vuvABS1570 | Dr. Rahmani Bouabdellah | DEVELOPMENT OF SUPERCONDUCTING TUNNEL JUNCTIONS FOR EUV DETECTORS |
| vuvABS1570 | Dr. Rahmani Bouabdellah | Interaction of a pulsed aluminum vapor plasma with the low density polyethylene wall |
vuvABS1592  Ms. Amela Groso  Photon energy dependence of phase contrast synchrotron-light imaging
vuvABS1656  Dr. Werner Jark  FEASIBILITY OF MICROSCOPY WITH LOW ENERGY X-RAYS BY USE OF THIN-FILM WAVEGUIDES
vuvABS1727  Prof. Masaki Yamamoto  Design and fabrication of multilayer mirrors for He-II radiation
vuvABS1756  Dr. Igor Pronin  REAL-TIME IMAGING OF THE NEAR-SURFACE CRYSTAL STRUCTURE BY BACKSCATTERED ELECTRONS
vuvABS1757  Dr. Troy Barbee, Jr.  MULTILAYER OPTICS FOR THE EXTREME ULTRA-VIOLET, SOFT X-RAY AND X-RAY SPECTRAL DOMAINS
vuvABS1777  Mr. Moritz Hoesch  Design of a Complete Photoemission Experiment
vuvABS1782  Dr. Jean-Francois Hochedez  Wide bandgap EUV and VUV detectors for solar observations
vuvABS1794  Dr. Frances Quinn  A new XUV Beamlne on a Multipole Wiggler in the SRS
vuvABS1818  Dr. Kota IWASAKI  Development of a conical energy analyzer for angle-resolved photoelectron spectroscopy
vuvABS1819  Dr. Luc Patthey  THE SURFACE AND INTERFACE: SPECTROSCOPY BEAMLNE AT SWISS LIGHT SOURCE
vuvABS1860  Dr. Tadashi Hatano  Multilayer polarizers for use of He-I and He-II resonance lines
vuvABS1943  Dr. Irina Lyakhovskaya  Ultrasoft X-Ray Spectra of Magnesium Diboride.
vuvABS1947  Dr. Chang Chang  EUV Transmission Interferometer for Direct Index of Refraction Measurements
vuvABS1948  Dr. Michele R. F. KING  TOROIDAL ENERGY- AND ANGLE-RESOLVED ELECTRON SPECTROMETER
vuvABS1949  Dr. Michele R. F. KING  THE DEVELOPMENT OF A FAST IMAGING ELECTRON DETECTOR BASED ON THE CODADON CONCEPT.
vuvABS1956  Dr. Xiangdong XU  Fabrication of VUV blazed grating for synchrotron radiation.
vuvABS1976  Mr. John Stephane Hirsch  Laser Plasma Sourced VUV Photoabsorption Imaging System
vuvABS1995  Dr. Hisataka Takenaka  Soft x-ray reflectivity and thermal stability of CoCr/C multilayer x-ray mirrors
vuvABS2000  Dr. Maria-Guglielmina Pelizzo  Preliminary results on the realization of multilayer EUV reflective coatings
vuvABS679  Dr. Matti Selg  TEMPERATURE DEPENDENCE OF LASER INDUCED HOT LUMINESCENCE OF SELF-TRAPPED EXCITONS IN SOLID XENON

vuvABS812  Prof. Shoichi Kubodera  Vacuum ultraviolet spectroscopic system for solid state materials

vuvABS818  Dr. Vladimir Makhov  VUV spectroscopy of crystalline emitters based on 5d-4f transitions in rare earth ions

vuvABS821  Dr. Vladimir Makhov  A comparative study of temperature broadening for crossluminescence and self-trapped exciton emission

vuvABS825  Dr. Zeljko Andreic  AN INTENSE XUV SOURCE AT A WAVELENGTH OF 13.5 NM FROM AN ABLATIVE CAPILLARY DISCHARGE

vuvABS991  Mr. Mohamed Amine Salhi  study of the cathode sheath of high pressure discharge for XeCl excimer laser

vuvABS1008  Dr. Patrick Martin  PICOSEcond TIME-Resolved SPECTROscopy OF SOLIDS WITH VUV HIGH ORDER HARMONICS SOURCE

vuvABS1019  Mr. Hidetsugu Shiozawa  Measurement of the second order coherence of synchrotron radiation in VUV region

vuvABS1104  Dr. Naohiro Yamaguchi  Study of compact x-ray laser pumped by pulse-train laser

vuvABS1121  Ms. Momoko Tanaka  Near field imaging of transient collisional excitation x-ray laser

vuvABS1246  Dr. Kai Tiedtke  THE BRIGHT SIDE OF THE FEL AT DESY: PHOTON BEAM CHARACTERIZATION OF THE ULTRA-INTENSE VUV RADIATION

vuvABS1398  Dr. Gabriele Ferrini  Single and two photon one electron removal Fermi edge spectra measured by a 150 fs coherent pulses on the Ag (110)

vuvABS1409  Dr. GianPiero Banfi  Generation of short laser pulses at 130 nm-9.4 eV.

vuvABS1466  Dr. Philip Heimann  Time-resolved x-ray absorption of laser-excited materials


vuvABS1489  Prof. Sergey Bobashev  Radiance of Laboratory Plasma Source for Extreme Ultraviolet Lithography.

vuvABS1494  Mr. Walter Knulst  A table-top soft X-ray source based on 5-10 MeV LINACs

vuvABS1661  Dr. Tatiana V. Ouvarova  VUV spectroscopy of new fluoride system NaF-(R,Y)F3

vuvABS1862  Dr. Vadim Tcheremiskine  Powerful source of broadband VUV radiation based on multi-channel sliding discharge
### COHERENCE TECHNIQUES AND NOVEL SOURCES

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