同步輻射顯微術與顯微分析

**AVS Taiwan Chapter: Synchrotron-based Microscopy and Microanalysis**

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| 時間：2018年1月25日  地點：博雅教學館R102  主持人：魏德新博士 國家同步輻射研究中心  Time: 25/January/2018  Location: Liberal Education Classroom Building Classroom 102  Chair: Dr. Der-Hsin Wei, NSRRC | |
| Time時間 | Events活動內容 |
| 09:00~09:05 | 講者：黃迪靖博士 國家同步輻射研究中心  講題：開幕致詞  Speaker: Dr. Di-Jing Huang, NSRRC  Title: Opening |
| 09:05~09:50 | 講者：Prof. Adam P. Hitchcock, McMaster University, Canada  講題：Nanoscale materials analysis by soft X-ray Scanning Transmission Microscopy  Speaker: Prof. Adam P. Hitchcock, McMaster University, Canada  Title: Nanoscale materials analysis by soft X-ray Scanning Transmission Microscopy |
| 09:50~10:35 | 講者：Prof. Geoffrey S.D. Beach, ICMM, Spain  講題：Room Temperature Magnetic Skyrmions in Multilayer Films Imaged by Transmission X-Ray Microscopy  Speaker: Prof. Geoffrey S.D. Beach, ICMM, Spain  Title: Room Temperature Magnetic Skyrmions in Multilayer Films Imaged by Transmission X-Ray Microscopy |
| 10:35~11:00 | Tea Time |
| 11:00~12:00 | **Plenary Talk**  Prof. Chih-Kang (Ken) Shih  (LE 101，LE102-103 Live stream) |
| 12:00~13:30 | **Lunch** |
| 13:30~14:00 | 講者：Prof. Gema Martinez-Criado, ICMM, Spain  講題：Applications of hard X-ray nanoprobes in materials science  Speaker: Prof. Gema Martinez-Criado, ICMM, Spain  Title: Applications of hard X-ray nanoprobes in materials science |
| 14:00~14:30 | 講者：湯茂竹博士 國家同步輻射研究中心  講題：50 nm X-ray Nanoprobe at Taiwan Photon Source  Speaker: Dr. Mau-Tsu Tang, NSRRC  Title: 50 nm X-ray Nanoprobe at Taiwan Photon Source |
| 14:30-15:00 | 講者：古慶順博士 國家同步輻射研究中心  講題：X-ray Laue Diffraction Microscopy at Taiwan Photon Source for  Microstructural Imaging and Its Applications on Material Science  Speaker: Dr. Chin-Sun Ku, NSRRC  Title: X-ray Laue Diffraction Microscopy at Taiwan Photon Source for  Microstructural Imaging and Its Applications on Material Science |
| 15:00~15:15 | Tea Time |
| 15:15-15:45 | 講者：Prof. Søren Ulstrup, Aarhus University, Denmark  講題：Mapping electronic structure of 2D materials at micro- and nanometer  length scales with spatially-resolved ARPES at the ALS  Speaker: Prof. Søren Ulstrup, Aarhus University, Denmark  Title: Mapping electronic structure of 2D materials at micro- and nanometer  length scales with spatially-resolved ARPES at the ALS |
| 15:45-16:15 | 講者：吳忠霖教授 成功大學物理系  講題：Visualizing Electronic Structure using Spatially/Angle Resolved Photoemission Spectroscopy: Cases in Low-dimensional Systems  Speaker: Prof. Chung-Lin Wu, Department of Physics, NCKU  Title: Visualizing Electronic Structure using Spatially/Angle Resolved Photoemission Spectroscopy: Cases in Low-dimensional Systems |
| 16:15-16:45 | 講者：林秉慧博士 國家同步輻射研究中心  講題：Compact Time-resolved Angle-resolved Photoemission Spectroscopy in Cooperation with Femtosecond High Harmonic Generation Light Source  Speaker: Dr. Ping-Hui Lin, NSRRC  Title: Compact Time-resolved Angle-resolved Photoemission Spectroscopy in Cooperation with Femtosecond High Harmonic Generation Light Source |
| 16:45~17:00 | Break |
| 17:00-17:30 | 講者：黃玉山博士 國家同步輻射研究中心  講題：Coherent X-ray Scattering for Microanalysis at TPS  Speaker: Dr. Yu-Shan Huang, NSRRC  Title: Coherent X-ray Scattering for Microanalysis at TPS |
| 17:30-18:00 | 講者：陳建群教授 中山大學物理系  講題：Current Development of 2D/3D X-ray Coherent Diffraction Imaging Using Taiwan Photon Source  Speaker: Prof. Chien-Chun Chen, Department of Physics, NSYSU  Title: Current Development of 2D/3D X-ray Coherent Diffraction Imaging Using Taiwan Photon Source |
| 18:00-18:30 | 講者：許紘瑋博士 國家同步輻射研究中心  講題：Soft X-ray scanning microscopy and coherent diffraction imaging at TPS  Speaker: Dr. Hung-Wei Shiu, NSRRC  Title: Soft X-ray scanning microscopy and coherent diffraction imaging at TPS |
| 18:30-18:35 | Closing |
| 18:35-19:00 | Break |
| 19:00-20:30 | Banquet |