

| X-ray Optics Workshop Wednesday, May 2, 2018 Conference Room 401-A1100 | | |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------|
| 07:30 | On-site Sign In (APS 401 Lobby) | |
| 07:55 | Welcome Address | Dennis Mills (APS Deputy Director for X-ray Science) |
| Session 1: Optics Overviews Chair: Lahsen Assoufid (APS) | | |
| 08:00 | Overview of x-ray optics activities at PETRA III | Horst Schulte-Schrepping (PETRA III) |
| 08:30 | Overview of x-ray optics activities at the ESRF | Ray Barrett (ESRF) |
| 09:00 | Overview of x-ray optics activities at SPring-8 | Haruhiko Ohashi (SPring-8) |
| 9:30 | Overview of x-ray optics activities at the APS | Lahsen Assoufid (APS) |
| 10:00 | Coffee Break (A1100) | |
| Session 2: Focusing Optics Chair: Ray Barrett (ESRF) | | |
| 10:30 | Nanofocusing optics developments at PETRA-III | Andreas Schropp (PETRA-III) |
| 11:00 | High-energy x-ray focusing with saw-tooth and kinoform lenses | Sarvjit Shastri (APS) |
| 11:30 | Zone plates development of APS-U | Michael Wojcik (APS) |
| 12:00 | Refractive lens developments and characterization at the ESRF | Thomas Roth (ESRF) |
| 12:30 | Working Lunch – Closed | |
| Session 3: Crystal Optics Chair: Horst Schulte-Schrepping (PETRA III) | | |
| 13:30 | Intermediate and high-energy resolution optics at P01 | Hans-Christian Wille (PETRA-III) |
| 14:00 | Optics developments at SACLA: harmonic separator and μ -channel cut crystal | Ichiro Inoue (Spring-8) |
| 14:30 | Progress in Polishing of Channel-cut Crystal Monochromators | Elina Kasman (APS) |
| 15:00 | Stabilization of a standard DCM at SPring-8 | Hiroshi Yamazaki (Spring-8) |
| 15:30 | Coffee Break (A1100) | |
| Session 4: Thin Film & Mirrors Optics Chair: Haruhiko Ohashi (SPring-8) | | |
| 16:00 | Developments in the ESRF multilayer laboratory | Christian Morawe (ESRF) |
| 16:30 | Update on the APS thin film coating activities and the Modular Deposition System | Ray Conley (APS) |
| 17:00 | Adjourn | |
| 17:15 | Lab Tours | |
| 18:30 | No-host Dinner - TBD | |