

X-ray optics research and development @ NSLSII

POUR
TOUS!

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Vendredi 27 avril 2018 – 14h00
Amphithéâtre SOLEIL

The National Synchrotron Light Source II at Brookhaven National Lab is a third generation synchrotron radiation facility that has been commissioned in 2014. The facility is based on a 3 GeV electron storage ring, which will circulate 500 mA of beam current at 1nm rad horizontal emittance. The storage ring is 792 meters in circumference and will accommodate more than 60 beamlines in the final built-out. NSLS-II currently has 22 beamlines (experimental stations) open for user operations.

Facility supported R&D program is an integral part of the NSLS-II operations. The role of the R&D program is to support and foster NSLS-II leadership in the field of synchrotron science and technology. The scope of the R&D program consists of research and development activities primarily focused on detectors development, optical and x-ray metrology, development of advanced x-ray optics and optical simulations, precision engineering and nanopositioning. During this talk, I will give an overview of these very active R&D efforts.



Ce séminaire sera suivi d'une pause café

SEMINAIRE

Formalités d'entrée : accès libre dans l'amphi du pavillon d'Accueil.
Si la manifestation a lieu dans le Grand Amphi SOLEIL du Bâtiment Central merci de vous munir d'une pièce d'identité (à échanger à l'accueil contre un badge d'accès)

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