

REXS 2019

The 4th International Conference on Resonant Elastic X-ray Scattering

Atlantis Hotel and Conference Center, Riverhead, Long Island, NY

June 17-21, 2019

Following the success of the past editions (DESY 2016, Oxford 2013, Aussois 2011), **REXS2019** will be hosted outside Europe for the first time. The goal of the conference is to bring together the expanding REXS community, to share recent scientific achievements, reporting on current experimental capabilities, and discussing future challenges and opportunities. Particular attention will be focused on multimodality and x-ray coherence in REXS. A series of introductory lessons and tutorials will be dedicated to students on the first day of the conference. A tour of NSLS-II will be available.

Topics will Include

Electronic orderings, magnetism, interfacial phenomena, quantum materials, soft matter, phase transitions and inhomogeneity;

Symmetry, topology, artificial structures, reduced dimensionality, structure and dynamics;

Coherence, imaging, nanodiffraction, reflectivity, polarization and energy analysis (REXS in RIXS);

Instrumentation development, multimodality, diffraction limited sources and XFELs;

Theory and simulation, modeling and data analysis

Invited Speakers

Harald Ade

Eva Benckiser

Riccardo Comin

Paul Fenter

Esther Gomez

David Hawthorn

Nicolas Jaouen

Tsuyoshi Kimura

Valery Kiryukhin

Xuerong Liu

Angelo Malachias

Valerio Scagnoli

Padraic Shafer

Gerrit van der Laan

Yishu Wang

Conference Chair

Claudio Mazzoli (BNL)

Contact

Mercy Baez
REXS2019@bnl.gov
631-344-5769

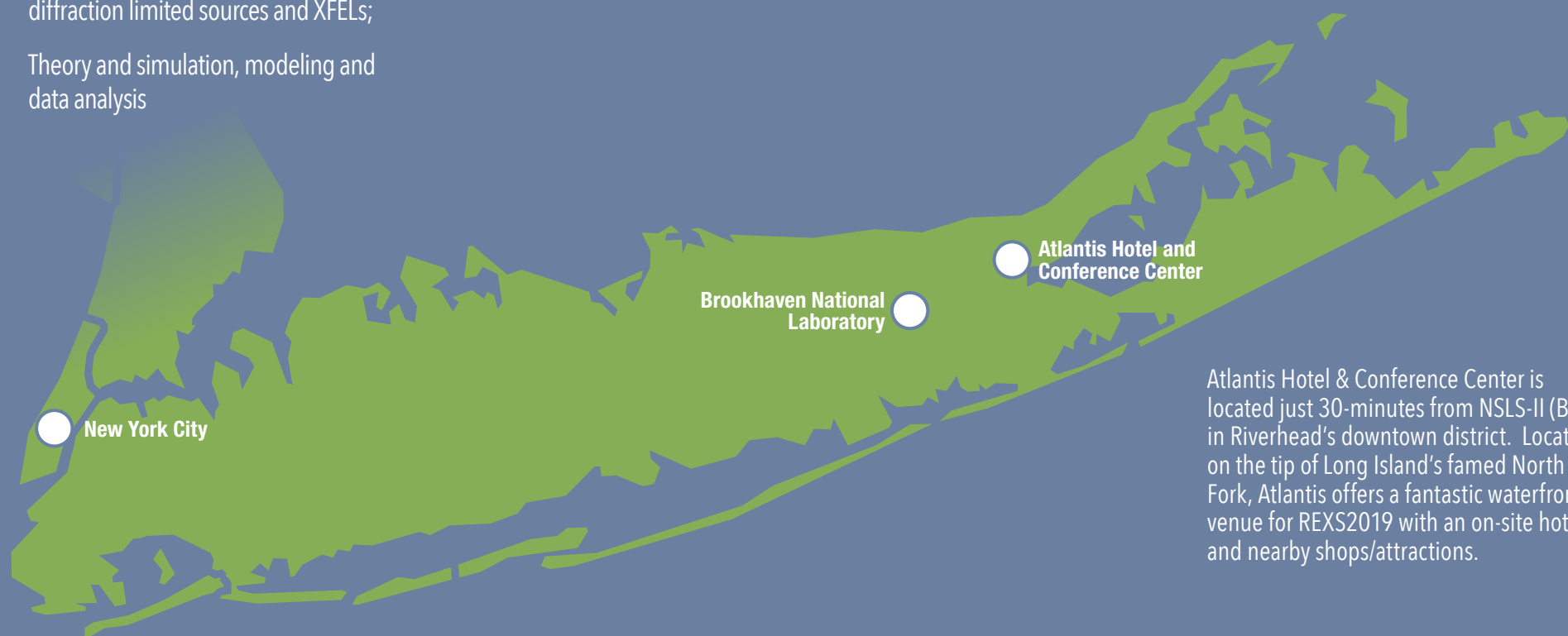
Important Dates

Abstract Deadline:
March 3, 2019

Early Registration Deadline:
April 14, 2019

To Register

www.bnl.gov/REXS2019



Atlantis Hotel & Conference Center is located just 30-minutes from NSLS-II (BNL) in Riverhead's downtown district. Located on the tip of Long Island's famed North Fork, Atlantis offers a fantastic waterfront venue for REXS2019 with an on-site hotel and nearby shops/attractions.



Supported by
NSLS-II Users' Executive Committee

