

# Maksim S. Rakitin

*Conferences, talks, workshops and schools*

## Personal details

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## Conferences, talks, workshops and schools

- 2020.02 **Invited talk** — *Bluesky Data Collection Framework*, Canadian Light Source, Saskatoon, Canada
- 2019.10 *Overview of Bluesky*, Imaging Workshop, Oak Ridge National Laboratory, Oak Ridge, TN
- 2019.07 *Kitware training* 🌐, Clifton Park, NY
- 2019.06 *Jupyter Community Workshop* 🌐, LBNL, Berkeley, CA
- 2019.06 *Ptycho Developer Workshop* 🌐, LBNL, Berkeley, CA
- 2019.01 **Invited talk** — *Bluesky, ophyd, pseudo motors, detectors* 🌐 🌐, Automation in Beamline Control and Data Acquisition workshop, HZB, BESSY-II, Berlin, Germany
- 2019.01 **Invited tutorials on Sirepo and Bluesky** 🌐 🌐, Automation in Beamline Control and Data Acquisition workshop, HZB, BESSY-II, Berlin, Germany
- 2018.10 *NOBUGS 2018* 🌐 🌐, Brookhaven National Laboratory, Upton, NY
- 2018.07 *SciPy 2018* 🌐, Austin, TX
- 2018.06 *EPICS Collaboration meeting* 🌐, APS, Argonne National Laboratory, Lemont, IL
- 2018.05 *2018 NSLS-II & CFN Users' Meeting: assisting with "Hands-On Data Acquisition and Analysis Tutorial"* 🌐, Brookhaven National Laboratory, Upton, NY
- 2017.11 *Sirepo — an open-source browser interface for X-ray source and optics simulations*, ORNL Visualization Hackathon, Oak Ridge National Laboratory, Oak Ridge, TN
- 2017.10 *Sirepo — an open-source cloud-based software interface for X-ray source and optics simulations*, NSLS-II Lunchtime seminar, Brookhaven National Laboratory, Upton, NY
- 2017.08 **Invited talk** — *Sirepo: a web-based interface for physical optics simulations — its deployment and use at NSLS-II*, SPIE Optical Engineering + Applications 🌐, San Diego, CA
- 2017.05 *2017 NSLS-II & CFN Users' Meeting* 🌐, Brookhaven National Laboratory, Upton, NY
- 2016.12 *Collaboration meeting with RadiaSoft LLC* RadiaSoft LLC, Boulder, CO
- 2016.12 *Early Career Researcher Symposium 2016* 🌐 📄, Brookhaven National Laboratory, Upton, NY

- 2016.10 *Software for Optical Simulations (SOS) Workshop* 🌐 📄, ICTP, Trieste, Italy
- 2016.05 *2016 NSLS-II & CFN Joint Users' Meeting* 🌐 📄, Brookhaven National Laboratory, Upton, NY
- 2015.11 *Sensitivity, Error and Uncertainty Quantification for Atomic, Plasma, and Material Data* 🌐, IACS, Stony Brook University, Stony Brook, NY
- 2015.10 *Collaboration Meeting on "Simulation and Modeling for SR Sources and X-Ray Optics"* 🌐, NSLS-II, Brookhaven National Laboratory, Upton, NY
- 2015.07 **Invited talk** — *Crystal and protein structure modeling, software development and applications*, Brookhaven National Laboratory, Upton, NY
- 2015.06 *Advances in Functional Materials — Conference 2015* 🌐, Stony Brook University, Stony Brook, NY
- 2015.06 *Recent progress in USPEX development*, Group seminar, Stony Brook University, Stony Brook, NY
- 2015.04 **Invited talk** — *Crystal structure prediction from first principles* 🌐, Humboldt-Universität zu Berlin, Institut für Physik, Berlin, Germany
- 2015.04 *Oracle R, Advanced & predictive Analytics Workshop*, Stony Brook University, Stony Brook, NY
- 2015.02 *MATLAB & Simulink for Project-Based Learning using LEGO MINDSTORMS EV3* 🌐, Stony Brook University, Stony Brook, NY
- 2015.01 *IACS workshop "Intro to Python"* 🌐, Stony Brook University, Stony Brook, NY
- 2014.11 *Novel phase of beryllium fluoride at high pressure*, Group seminar, Stony Brook University, Stony Brook, NY
- 2014.11 **Invited tutor** — *Theory and Computation for Interface Science and Catalysis: Fundamentals, Research and Hands on Engagement using VASP* 🌐 📄, Brookhaven National Laboratory, Upton, NY
- 2014.10 *MATLAB and Simulink Complimentary Technical Sessions at Stony Brook University* 🌐, Stony Brook, NY
- 2014.09 *Proteins structure prediction using USPEX*, Group seminar, Stony Brook University, Stony Brook, NY
- 2014.09 *USPEX tests for Tinker: Different amino-acids XYZ-20, ALA-40, CASP10, REMD*, Group seminar, Stony Brook University, Stony Brook, NY
- 2014.07 *Introduction to Python*, Group seminar, Stony Brook University, Stony Brook, NY
- 2014.04 *SiO<sub>2</sub> and BeF<sub>2</sub> phase transformation under pressure. Proteins simulation with Tinker interface for USPEX*, Group seminar, Stony Brook University, Stony Brook, NY
- 2014.03 *CECAM workshop "Simulation of biomolecular interactions with inorganic and organic surfaces as a challenge for future nanotechnologies"* 🌐, Toulouse, France
- 2014.03 *USPEX mini-workshop*, Group seminar, Stony Brook University, Stony Brook, NY
- 2014.02 *SiO<sub>2</sub> and BeF<sub>2</sub> phase transformation under pressure*, Group seminar, Stony Brook University, Stony Brook, NY
- 2013.11 *Study of impurities influence on the hydrogen dissolution energy in the bcc iron*, Group seminar, Stony Brook University, Stony Brook, NY

- 2013.08 *2<sup>nd</sup> summer school on computer simulations in modern physics* 🌐, Chelyabinsk, Russia
- 2012.08 *Summer school on computer simulations and massive calculations in modern physics* 🌐, Chelyabinsk, Russia
- 2011.10 *6<sup>th</sup> All-Russian scientific-technical conference “Physical properties of metals and alloys”* 🌐, Yekaterinburg, Russia
- 2011.09 *International conference “Thermodynamics 2011”*, Athens, Greece
- 2011.05 *2<sup>nd</sup> All-Russian youth school-conference “Modern problems of metal science”* 🌐, Pitsunda, Abkhazia
- 2010.07 *International symposium “Metal-hydrogen systems. Fundamentals and applications”* 🌐 📄, Moscow, Russia
- 2010.06 *International summer school “Computational Materials Science”* 🌐 📄, San Sebastian, Spain
- 2010.03 *All-Russian conference “Parallel computing technologies 2010”* 🌐 📄, Ufa, Russia
- 2010.02 *33<sup>rd</sup> International conference on theoretical physics “Kourovka-2010”* 🌐 📄, Novouralsk, Russia
- 2009.11 *9<sup>th</sup> International conference “High-performance parallel computing on cluster systems”* 🌐 📄, Vladimir, Russia
- 2009.10 *12<sup>th</sup> V.A. Fock All-Russian conference on quantum and computational chemistry* 🌐, Kazan, Russia
- 2007.04 *13<sup>th</sup> All-Russian students conference in physics* 🌐 📄, Rostov-on-Don, Russia