

Max Rakitin

Education

About

Name: Max Rakitin (a.k.a. Maksim S. Rakitin)

Summary: I am a group leader of the Data Acquisition and Detectors group of the Data Science and Systems Integration Division of NSLS-II, BNL.

News: “Computer, Is My Experiment Finished?” (September 16, 2022)
<https://www.bnl.gov/newsroom/news.php?a=220832>

“Seeing the Forest Through the Trees: Brookhaven Lab Scientists Develop New Computational Approach to Reduce Noise in X-ray Data.” (April 18, 2022)
<https://www.bnl.gov/newsroom/news.php?a=219533>

“EPICS Collaboration Meeting (workshop organizer)” (September 16–20, 2024)
<https://conference.sns.gov/event/448/timetable/?view=standard>

Links: [BNL](#) • mrakitin.github.io • [SBU](#) • [SUSU](#)
[@mrakitin](#) • [@mrakitin](#) • [Google Scholar](#) • [ResearchGate](#)
[ORCID: 0000-0003-3685-852X](#)

Education

2008.10–2012.09



Ph.D. in Condensed Matter Physics (defended on September 19, 2012)

South Ural State University (National Research University), Chelyabinsk, Russia

Thesis: Study of impurities influence on the hydrogen dissolution energy in the bcc iron
Scientific adviser: Prof. A.A. Mirzoev, Dr. of Sciences

2006.09–2008.06



M.S. in Applied Mathematics and Physics (June 13, 2008)

South Ural State University (SUSU), Chelyabinsk, Russia

Thesis: Computer simulation of influence of structural relaxation and impurities on dissolution energy of H in Fe

Scientific adviser: Prof. A.A. Mirzoev, Dr. of Sciences

GPA: 3.85 / 4.0

2002.09–2006.06



B.S. in Applied Mathematics and Physics (June 20, 2006), *summa cum laude*

South Ural State University (SUSU), Chelyabinsk, Russia

Thesis: Binding energy of hydrogen in bcc iron lattice

Scientific adviser: Prof. A.A. Mirzoev, Dr. of Sciences

GPA: 3.69 / 4.0