

# 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>

Links: [BNL](#) • [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*