

Saeed Rahmanian Koshkaki

GENERAL INFORMATION:

24 years old, Iranian
Research page: <http://uspex-team.org/lab>
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ADDRESS:

141702, Russian Federation,
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RESEARCH INTEREST

Correlated Many-Body systems

- Magnetism
- Spintronic
- Topological phases of matter
- Superconductivity

EDUCATION

- 2015-2017, **Master of Science (MSc)**, Material Science, Skolkovo Institute of Science and Technology (Skoltech)
- 2015-2017, **Master of Science (MSc)**, Material Science, Moscow Institute of Physics and Technology (MIPT)
- 2011-2015, **Bachelor of Science (BSc)**, Physics, Isfahan University of Technology (Isfahan Tech), Final GPA(3.98/4), Excellence degree

PUBLICATION

- **Saeed Rahmanian .K**, Guang-Rui Qian, Igor V. Blinov, Artem R. Oganov. "Computational prediction for new Magnetic Materials", in progress , 2016
- **Saeed Rahmanian .K**, "Effect of nearest neighbor on ferromagnetic to paramagnetic phase transition in 2D lattices with Monte Carlo algorithm", <https://arxiv.org/abs/1610.00359>, 2016
- **Saeed Rahmanian .K**, "An overview of Density Functional Theory (DFT)", <https://www.researchgate.net/profile/SaeedRahmanianKoshkaki>, 2015

LANGUAGE

- **Persian**: Native Language
- **English**: Full Professional Proficiency
- **Arabic**: Minimum Professional Proficiency
- **Russian**: Elementary Proficiency

COMPUTER SKILLS

- **Proficient**
Python, USPEX, Linux Ubuntu, VASP, Microsoft Office, LaTeX, VESTA, Mathematica, XM-grace (Linux), Gnuplot, Rurick Supercomputer, Windows
- **Elementary**
Fortran, C++, FHI-aims, MATLAB, VEUSZ plotting

HONORS AND AWARDS

- **Ranked 1st** among all 48 Undergraduate students of physics at Isfahan University of Technology, Class of 2015
- Awarded **financial aid** as an Exceptional Talented Student by Isfahan University of Technology, December 2014, September 2015
- Advanced to the final round of National College Olympiad (Physics), Ranked 2, August 2015

- Tuition waiver and **full scholarship admission** offer from Moscow Institute of Physics and Technology, MIPT, August 2015
- Tuition waiver and **full scholarship admission** offer from Skolkovo Institute of Science and Technology, Skoltech, May 2016
- Admission Offer to the M.Sc. program at the Physics Department, Sharif University of Technology (SUT), Isfahan University of Technology (Isfahan Tech), winter 2015
- Member of **Iranian National Elites Foundation** 2013-2015