



Amir Hossein Firouzian

Curriculum Vitae

Education

- 2009–2015 **B.Sc. in Physics, Condensed Matter**, *K. N. Toosi University of Technology*, Faculty of Science.
2005–2009 **High School Diploma**, *Amir High School*.

B.Sc. Senior Project,

Title *Proton Deuteron (P-PN) scattering cross-section in Chiral Potential*

Supervisors Ph.D. Mehdi Radin

Experience

Translation

- July 2015 **BOINC Persian Translation Team Coordinator**, *Transifex*.
Present This software is a platform for grid computing and release by UC Berkeley
July 2015 **Mumble Persian Translation Team Coordinator**, *Transifex*.
Present This FLOSS Software is VoIP Solution that uses a low bandwidth compared to other proprietary software like SkypeTM

Teaching

- Oct. 2015 **Teaching Wolfram Mathematica[®]**, *Shahid Rajaee Teacher Training University*, Tehran.
Nov. 2015 A ten-hour class for university students, covering Wolfram concepts and some build-in visualization commands.
July 2015 **Teaching C/C++**, *Held by IEEE student branch in University of Tehran*, Tehran.
Sept. 2015

Miscellaneous

- Oct. 2010 **Administrator of computers in IT Center**, *K. N. Toosi University of Tech. Faculty Of Science*,
Feb. 2011 Tehran.

Publication

- 2016 Mahdi Faghihnasiri, Mahyar Rezvani, Mostafa Shabani, and Amir Hossein Firouzian. The temperature effect on mechanical properties of silicon carbide sheet based on density functional treatment. *Solid State Communications*, 227:40–44, 2016.

Awards

- 2009 National Undergraduate Admission Scholarship

Computer skills

Programing Language

- Advanced C/C++, FORTRAN 90/95, MATLAB[®], Wolfram Language, Shell Script, HTML, VB.NET
Intermediate L^AT_EX, JAVA SE, CSS3
Basic R

Operating Systems

GNU/LINUX Debian, Ubuntu, Mint, OpenSUSE, Fedora, Kali

Windows Microsoft Windows® 10, 7, XP

DOS FreeDOS

General Software

Advanced LibreOffice, Microsoft Office®

Specific Software

Intermediate COMSOL® Multiphysics, Solidworks®

Computer Hardware

Advanced Assemble Desktop, Hardware minor issue diagnosing

Talk & Presentation

2010 Application of Mathematica® In physics III

2012 CCD Cameras & How they work

2013 Application of LASER in LEGO Project

Workshop That I Participate In

Mar. 2016 **4th Workshop on Advanced Techniques for Scientific Programming and Management of Open source Software Packages**, ICTP, Trieste, Italy.
<http://indico.ictp.it/event/7657/>

Mar. 2016 **Deal.II Users and Developers Training**, ICTP, Trieste, Italy.
<http://indico.ictp.it/event/7751/>

Nov. 2014 **IEEE Iran Section Workshop on Advance MATLAB®**, K. N. Toosi Uni. of Tech. Faculty Of Electrical & Computer Engineering, Tehran, Iran.

Mar. 2014 **Emargance On Complex System**, IPM, Tehran, Iran.

July 2012 **Summer Workshop on Theoretical Computer Science**, IPM, Tehran, Iran.

May 2011 **IPM 3rd Optimization Workshop**, K. N. Toosi University of Tech. Faculty Of Science, Tehran, Iran.

May 2010 **IPM 2nd Optimization Workshop**, K. N. Toosi University of Tech. Faculty Of Science, Tehran, Iran.

Languages

Persian **Native Language**

English **Advance**

TOEFL iBT R:23 L:24 S:20 W:18 T:85

Interests

- Swimming

- Chess

- Cooking

- Running