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

Teaching

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

Miscellaneous

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