

Curriculum Vitae

Sara Shamekh

Education	PhD , Ecole Normale Superieur, Paris, France	2017-present
	Pre-PhD Programme for talented students	2015-2016
	Specialized in Earth System physics, Trieste, Italy	
	M.Sc., Alzahra University, Tehran, Iran	
	Major: Condensed matter	2012-2015
B.Sc., Sharif University of Technology, Tehran, Iran	2007-2012	
	Major: Physics	

Honors and Achievements	ICTP Scholarship, Trieste, Italy	2015
	Ranked 55th amongst 55917 participants in Nationwide University Entrance Exam of District Third Qouta	2007

Research Experience	Self-Aggregation of Convective Clouds in the Presence of an Island	present
	PhD thesis	
	Can Operational Sub-Seasonal Forecasts Provide Early Warning of the West African Monsoon Onset Date?	2016
	Diploma thesis, Under the supervision of Dr. A. Tompkins	
	ICTP, Trieste, Italy	
	Recognition of Hysteresis Parameters in Shear Thickening Suspension	2013-2015
	Master Thesis, Under the supervision of Dr. N. Maleki	
	Alzahra University, Tehran, Iran	
	Graphene Application as Substrate for Cell Growth and for Cancer Therapy	2012-2013
	Under the supervision of Dr. O. Akhavan,	
	Sharif University of Technology, Tehran, Iran	

Teaching Assistant:

Computational Physics, M.Sc. level, Alzahra University	2013-2014
Elementary Physics II , B.Sc. level, Alzahra University	2014-2015

Teaching Physics and Mathematics:

Teaching Physics to Candidate Students of Physics Olympiad	2010-2015
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Teaching Mathematics for High school students
Teaching Elementary Physics for science and engineering
student

2010-2015

Skills

Computer Skills:

Programming languages: C/C++, MATLAB, Fortran , Python

Language Skills:

Farsi

English

French
