




## PERSONAL INFORMATION

## Seol Ah Park



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Sex Female | Date of birth 14/10/1990 | Nationality Republic of Korea

## PERSONAL STATEMENT

## Ph.D Candidate

## WORK EXPERIENCE

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- |                       |   |
|-----------------------|---|
| 2017.03.01-2016.06.30 | Teaching Assistant, Quantum Mechanics I , Classical Electrodynamics II, Chungnam National University, 34134, Daejeon, Republic of Korea   |
| 2016.09.01-2016.12.30 | Teaching Assistant, Quantum Mechanics II, Chungnam National University, 34134, Daejeon, Republic of Korea   |
| 2016.03.01-2016.06.30 | Quantum Mechanics I , Chungnam National University, 34134, Daejeon, Republic of Korea   |
| 2016.03.01-2016.06.30 | Assistant Researcher, Institute of Quantum Systems at Chungnam National University, 34134, Daejeon, Republic of Korea<br>Description: Study of transmission of neuronal vesicles in inner hair cells in a view of particle transmission |
| 2015.04.01-2015.06.30 | Part-time Associate Researcher, Korea Advanced Institute of Science and Technology, 34141, Daejeon, Republic of Korea<br>Description: Study and modelling of peripheral hearing system using statistical physics                        |
| 2012.07.01-2012.08.31 | Assistant Researcher, Korea Research Institute of Standards and Science, 367, Daejeon, Republic of Korea<br>Description: Development of numerical methods of transmission of single electron in graphene using Fortran                  |

EDUCATION AND TRAINING

- 2018.09.01-present Ph.D course, Department of Mathematics and Descriptive Geometry, Slovak University of Technology in Bratislava, Slovakia  
Projected Thesis: Cell Tracking in 3D+time Image
- 2016.03.02-2018.08.31 Ph.D course, Department of Physics, Chungnam National University, Republic of Korea  
Projected Thesis: Modeling of Neurotransmitter Release in Presynaptic Cells of an Inner Hair Cell
- 2013.03.02-2015.02.27 M.S., Department of Physics, Chungnam National University, Republic of Korea  
Thesis: Stripe States in Honeycomb Ribbon using Photonic Crystals
- 2009.03.02-2013.02.27 B.S., Department of Astronomy & Space Science, Department of Physics, Chungnam National University, Republic of Korea  
Thesis is replaced by qualifying exams

PERSONAL SKILLS

Mother tongue(s) Korean

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Programming skills

- very fluent in Fortran 77, Fortran 90
- fluent in C language
- Intermediate level of Python
- Beginning level of Mathematica, Matlab, Maple

Software skills

- Proficient in Origin
- Proficient in Qtiplot
- Beginning level of GIMP
- Beginning level of paraview

ADDITIONAL INFORMATION

- Publications S.-A. Park, Y.-W. Son, K.-H. Ahn, *Stripe states in photonic honeycomb ribbon* Proc. R. Soc. A, 471, 20140765 (2015)
- Awards Magna cum Laude, with honors in Natural Sciences, Chungnam National University, 2013  
Summa cum Laude, with honors in Astronomy & Space Science, Chungnam National University, 2013
- Projects ImageInLife, [@EU H2020](#) Marie Skłodowska-Curie European Training Network on Multilevel Bioimaging, involved in Image processing topic, especially in cell tracking