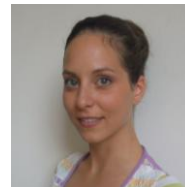


NEFELI TSIGKRI – DE SMEDT

(Nationality: Greek, Belgian)



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Agia Paraskeui, Athens, Greece

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RESEARCH & EDUCATION

2013-onwards

National Center for Scientific Research “Demokritos”

MSc thesis Research

Thesis title: “Structure and Dynamical Properties of the Human Brain based on DTI-MRI images” (Thesis Supervisor: Dr. A. Provata)

2012-onwards

University of Athens

MSc in Materials Physics

Courses: Quantum Mechanics, Statistical Mechanics, Electromagnetism, Thermodynamics of lattice defects, Physics & Technology of materials, Physics of Earth’s solid crust, Spectroscopic methods, advanced laboratory

Expected December 2014 (MSc Supervisor: Prof. E. Syskakis)

2006-2012

University of Athens

Bsc in Physics – Degree Grade: 7.10/10

Major in Solid State Physics

Thesis title: “Thickening optimization of superconductor samples and investigation of magnetic flux encapsulation by a superconductor ring” (Supervisor: Prof. E. Syskakis)

2003-2006

Omirio 2nd High School of Nea Smyrni

Grade: 19/20

SEMINARS

14-25 July 2014

4th PhD School – Conference: *Mathematical modelling of complex systems*

17-19 July 2014

4th International Workshop on: *Statistical Mechanics and Dynamical Systems*

23 June-25 July 2014

“An Introduction to Hypernetworks”, Étoile Peer Marking Platform, Prof. J. Johnson

9-20 July 2012

Summer School at N.C.S.R. “Demokritos”: *Advanced Materials, Micro-Nanotechnology Setups*

POSTERS

“Fractal Properties & Chimera States in the Integrate-and-Fire Model for Neuron Interactions”, N. Tsigkri, J. Hizanidis, A. Provata, poster in the 4th PhD School - Conference *Mathematical Modelling of Complex Systems*, 14-25 July, Athens, Greece.

RESEARCH PROGRAMS

Participates in the IKYDA 2013-14 Exchange Program between Greece and Germany: "*Chimera States in Dynamical Networks of Nonlinear Systems*"

Participates in the H2020-MSCA-RISE-2014 Exchange Program : "*Development and Implementation of new generation of Pseudo Random Number Generators based on Kolmogorov-Anosov K-systems*"

WORK EXPERIENCE

2014 Member of the local organizational committee of the 4th PhD School-Conference on Mathematical Modelling of complex systems

2009-10 Private lessons to High school students in Physics and Mathematics

ADDITIONAL SKILLS

Languages:

- Native in Greek & Dutch
- Proficient in English, ◊ Certificate of Proficiency in English (University of Cambridge)
◊ Certificate of Proficiency in English (University of Michigan)
- Competent in French, Delf 1 (Diplôme d' Études en Langue Française 1^{er} Degré)

Computing:

- Computing Languages: Fortran
- Systems: Unix, Windows
- Software: Office, Origin, Xmgrace, Matlab, Latex
- ECDL Core Certificate 4.0 (Microsoft Word, Excel, Powerpoint, Outlook, Access)

OTHER INTERESTS

- Music (classical, ethnic, trip hop, lounge, rock)
- Sports: tennis (Festivals of the Municipality of Helliniko '97-'99), pilates, skiing, swimming, yoga
- Travelling to explore different cultures
- Interested in psychology, art and history
- 1st Physics contest of Lampiris Schools (2002)