



Daphne Davelou

Curriculum Vitae

PERSONAL INFORMATION

Postal Address:	Kyriou Loukareos 32, GR-71201, Heraklion Crete, Greece
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E-mail:	d.davelou@materials.uoc.gr
Date of Birth:	10/01/1988
Place of Birth:	Athens, Greece
Nationality:	Greek

JOB EXPERIENCE:

- 10/2014 - 10/2015 External collaborator with Foundation of Research and Technology-Hellas, Heraklion, Crete, Greece.
- 06/2014 - 07/2014 External collaborator with Research Committee, University of Crete, Heraklion, Crete, Greece.
- 02/2012 - 06/2012 Teaching Assistant (Autocad for engineers), Materials Science and Technology Department, University of Crete, Heraklion Crete, Greece.

EDUCATION:

- 12/2015 - Phd, Department of Materials Science and Technology, University of Crete, Greece.
- 10/2013 - 11/2015 Master's Degree in Materials Science and Technology, University of Crete, Greece. Thesis title: "Theoretical and comparative study of low-dimensional transition – metal dichalcogenide structures." Supervisor: Ioannis N. Remediakis (University of Crete).
- 09/2005 - 07/2013 Bachelor's Degree in Materials Science and Technology, University of Crete, Greece. Thesis title: "Theoretical Study of the Optical Properties of MoS₂ Nanostructures." Supervisor: Ioannis N. Remediakis (University of Crete).

QUALIFICATIONS:

Languages:

- Greek (Native language).
- English (Proficiency Certificate from the University of Cambridge).

Operating Systems:

Windows Environment:

- Microsoft office
- Open office
- Autocad (3D-engineering design)
- Microcal Origin
- Rhinoceros (3D-modeling)
- Sketchbook (Conceptual design)

Linux Environment:

- unix
- libre office
- vmd
- xmgrace

Programming Languages:

- Fortran 95
- Python

Application Packages:

- Dacapo
- GPAW
- ASE

CONFERENCES/SEMINARS:

- 08/2015 “TMD Nanostructures: Evidence for metallic edges”, Poster presentation, Paris International School on Advanced Computational Materials Science, Université Pierre et Marie Curie, Paris, France.
- 07/2015 Product Design summer camp, International Hellenic University, Thessaloniki, Greece.
- 09/2014 “MoS₂ Nanostructures: Semiconductors with metallic edges”, Poster presentation, XXX Panhellenic Conference on Solid State Physics and Materials Science, 21-24 September 2014, Heraklion, Crete, Greece.
- 07/2014 Product Design summer camp, International Hellenic University, Thessaloniki, Greece.
- 09/2013 “Theoretical Study of the Optical Properties of MoS₂ Nanostructures”, Poster presentation, XXIX Panhellenic Conference on Solid State Physics and Materials Science, 22-25 September 2013, Athens, Greece.
- 07/2013 Attendee at the Onassis Foundation Science Lecture Series, Foundation for Research and Technology - Hellas, Heraklion, Crete, Greece.
- 10/2012 Attendee at NanoTP Workshop, University of Crete, Greece.

PUBLICATIONS:

1. D. Davelou et al., *MoS₂ Nanostructures: Semiconductors with metallic edges*, Solid State Commun. 192 (2014) 42