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Date of birth: 14.06.1990, Nationality: Hellenic

FORMATION

October 2017- present	PhD student in Laboratoire des Matériaux et du Génie Physique LMGP - UMR 5628 CNRS- Grenoble INP- Université Grenoble Alpes, France
September 2016-July 2017	MSc 2 Nanophysics , Université Grenoble Alpes, France, Grade 13.95/20
September 2008-October 2015	BSc in Physics , University of Athens, Greece, Grade 7/10
January-July 2012	Erasmus Programme, Université Joseph Fourier-Grenoble I, France
June 2008	High School Degree, Greece, Grade 19.4/20

WORK EXPERIENCE

November 2018- present	Temporary teaching: -Nano@school, CIME, Grenoble -Physics Practical sessions at Phelma-Grenoble INP
February-August 2017	Internship in LMGP-Grenoble INP
September 2009- June 2016	Private tutoring Physics and Mathematics to High School students

PUBLICATIONS

Articles:

- V. H. Nguyen, J. Resende, D.T. Papanastasiou, N. Fontanals, C. Jimenez, D. Muñoz-Rojas, D. Bellet "Low-cost fabrication of flexible transparent electrodes based on Al doped ZnO and silver nanowire nanocomposites: impact of the network density", *Nanoscale* 2019, 11 (25), 12097-12107 doi: 10.1039/C9NR02664A
- E. Norton, L. Farrell, A. Zhussupbekova, D. Mullarkey, D. Caffrey, D.T. Papanastasiou, D. Oser, D. Bellet, I.V. Shvets, K. Fleischer « Bending stability of Cu_{0.4}CrO₂ – A transparent p-type conducting oxide for large area flexible electronics», *AIP Advances* 2018, 8, 085013, doi: 10.1063/1.5027038
- T. Sannicolo, N. Charvin, L. Flandin, S. Kraus, D.T. Papanastasiou, C. Celle, J.-P. Simonato, D. Muñoz-Rojas, C. Jiménez, D. Bellet et al., « Electrical Mapping of Silver Nanowire Networks: A Versatile Tool for Imaging Network Homogeneity and Degradation Dynamics during Failure », *ACS Nano* 2018, 12, 4648-4659, doi: 10.1021/acsnano.8b01242

Book chapter:

- D.T. Papanastasiou, T. Sannicolo, J. Resende, V.H. Nguyen, C. Jiménez, D. Muñoz-Rojas, N.D. Nguyen, D. Bellet « Physics and applications of silver nanowire networks», book chapter in: « Advances toward the development of nanotechnology», Publisher: Verlag, 2019, ISBN-13: 978-620-2-22099-6
- D. Bellet, D.T. Papanastasiou, J. Resende, V.H. Nguyen, C. Jiménez, N.D. Nguyen, D. Muñoz-Rojas, «Metallic nanowire percolating networks: from main properties to applications», book chapter in «Nanosystems», Intech Open (accepted, August 2019)

CONFERENCES

- Oral presentation in BIT's 8th Annual World Congress of Advanced Materials-2019 (WCAM-2019), July 22 to 24, 2019, Osaka, Japan, entitled "*Stable and efficient transparent electrodes based on silver nanowire networks: experimental and simulation approaches.*"
- Oral presentation in 2019 Spring Meeting of the European Materials Research Society (E-MRS), May 27 to 31, 2019, Nice, France, entitled "*Efficient, stable and flexible transparent electrodes based on metallic nanowire networks for emerging photovoltaics.*"
- Oral presentation in 7th International Symposium on Transparent Conductive Materials (TCM), October 14 to 19, 2018, Crete, Greece, entitled "*Stability of transparent electrodes based on metallic nanowire networks: analysis of the electrical, thermal and mechanical failure with experimental and modelling approaches.*"

OTHER

- July 2018- present : *Elected representative* of the non-permanents to the lab council of LMGP
- February 2019- present: member of the association "*Parité Science (APMST)*" for the gender equality in scientific and technical professions
- *Jury member* at Olympiad of Engineering Sciences – Academic final 2019, organised by CEA, UPSTI and the Academy of Grenoble, April 10, 2019, Grenoble Minatec, France
- *Animation of scientific stands and workshops* during "*Parvis des Sciences*" 2017 and 2018, "*Inn.0tech*" 2019
- Participation in the EPS 2018 *seminar* (Enseigner la Physique dans le Supérieur), July 11 to 12, 2018, Grenoble, France

SCIENTIFIC and TECHNICAL SKILLS

<i>Lab experience</i>	Nanomaterials deposition techniques (spray and spin coating), electrical and mechanical characterisation, spectrophotometry, Scanning Electron Microscopy
<i>Work permit</i>	Electrical work at Low Voltage, training at Apave, October 2018
<i>Digital Competence</i>	Origin, Comsol Multiphysics, Matlab
<i>Co-Supervision</i>	5 master internships
<i>Projects</i>	In the framework of my thesis I am working in several projects-collaborations of my team with laboratories and industrial partners in Grenoble, Chambéry, Paris, Mulhouse, Bordeaux, Nantes, Dublin-Ireland.

PERSONAL SKILLS and INTERESTS

<i>Languages</i>	Greek (<i>mother tongue</i>), English (<i>business fluent</i>), French (<i>business fluent</i>)
<i>Other activities</i>	-volunteer in the cultural association " <i>La Bobine</i> " in Grenoble -theatre amateur groups in Athens and in Grenoble -writing poetry (participation in collection of " <i>Fol Asile</i> " in Grenoble, Sept.2019) -yoga, pilates, modern dances