

## PERSONAL INFORMATION

## Niki Plakantonaki



 Boueon 1, 11522 Athens (Greece)

 6980634173

 n.plakantonaki@inn.demokritos.

Date of birth 20/07/1994

## EDUCATION AND TRAINING

01/09/2012–18/12/2017

**MSc/Diploma in Chemical Engineering**

Department of Chemical Engineering, University of Patras (Grade:7,88/10)

**Thesis title:** "Dielectric Barrier Discharge Plasma treatment of materials in modified atmosphere for food packaging"

Engineering Master, EUR-ACE® Master, Institution of Chemical Engineering (IChemE) & Engineering Council UK (EngC)

07/05/2018–18/07/2018

**Vocational Training**

Vocational Training Monitor "Code107-Title: Web & Mobile Apps Specialist" in the framework of the Operational Program "Human Resource Development and Lifelong Learning", beneficiary of Hellenic Association of Information Technology and Communications.

30/08/2018

**Certificate of Web & BASIC Applications Design Specialist  
TÜV HELLAS**

## WORK EXPERIENCE

01/07/2015–15/08/2015

**Chemical lab assistant**

Practical training at Athenian Brewery SA

01/05/2018–18/07/2018

**Business consultant**

Practical training at the PLANET project management consulting company

## RESEARCH EXPERIENCE

25/01/2019–Today

**Research Assistant**

Institute of Nanoscience and Nanotechnology, NCSR "Demokritos", Athens, Greece

"Development of Novel Electrochemical Processes for Water Treatment Applications Using Composite Electrode Based on Carbon Materials and Conductive Polymers–NANOPOL 2019"

-Synthesis and modification of carbon nanostructures for Capacitive Deionization

-Structural and electrochemical characterization of nanostructured carbonaceous products

-Development of electrochemical water treatment process in laboratory scale

## PERSONAL SKILLS

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Foreign language(s) English Certificate of Proficiency in English (Michigan)  
French Diplôme d'études en langue française B2 (DELF B2)

Digital skills Excellent computer and internet capability  
Microsoft Office (Word, Power Point, Excel)  
Origin  
Matlab  
Basic Knowledge of Web Design (HTML, JavaScript, Joomla)

Driving licence Class B driving license

## ADDITIONAL INFORMATION

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Conferences

- 11th Panhellenic Scientific Conference of Chemical Engineering (25-27 May 2017, Thessaloniki, Greece)
- 5th International Conference on Capacitive Deionization & Electrosorption (CDI&E) – virtual, May 9th-13th 2021: “Biomass-derived hierarchical porous carbons as highly-efficient electrode materials”, “Tailoring Capacitive Deionization process by nanocomposite electrodes”, Posters Presentation

Seminars “Seminars on Spectroscopy”, NCSR “Demokritos”, Athens, Greece (May 2019 - June 2019)  
“Seminars on Microscopy”, NCSR “Demokritos”, Athens, Greece (November 2019)

Memberships Member of the Technical Chamber of Greece, since 8 March 2018

## PUBLICATIONS

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- T. Giannakopoulou, N. Todorova, A. Erotokritaki, **N. Plakantonaki**, A. Tsetsekou, C. Trapalis, “Electrochemically deposited graphene oxide thin film supercapacitors: Comparing liquid and solid electrolytes”, Applied Surface Science 528 (2020) 146801.