

CHARIKLEIA PORAVOU

Address 9 Seferi Str, Kalamaria 55132, Thessaloniki, Greece
Telephone +306980382621
Email cporavou@certh.gr
Nationality Greek

EDUCATION

09/2020-now PhD candidate "Solar/Thermochemical/Catalytic reactor engineering for circular economy applications"
04/2019 Diploma in Chemical Engineering (MSc equivalent-5 year degree), Faculty of Engineering, Department of Chemical Engineering, Aristotle University of Thessaloniki, Greece
GPA: 7.35/10 (ECTS: 300)
06/2012 High school diploma, 3rd High school of Kalamaria, Thessaloniki

ACADEMIC PROJECTS

10/2017-03/2019 *Diploma thesis: 'Utilization of organic waste with the use of solar hydrothermal liquefaction technology'*

WORK EXPERIENCE

07/2019-now Chemical Process & Energy Resources Institute (CPERI)

- Solar hydrothermal liquefaction experimental development
- Reactors design (SolidWorks) and construction
- Feedstock and products characterization (HHV, GC, TGA)
- Literature review
- Procurements management
- Proposal writing

07/2016 – 09/2016 Chemical Process & Energy Resources Institute (CPERI)

- Fuel quality control techniques (determination of water, TAN, density, heat of combustion, carbon residue, viscosity, distillation)

PUBLICATIONS

06/2022 C.A. Poravou, N.I. Tsongidis, C. Lekkos, V.A. Zacharopoulou, A.G. Konstandopoulos "Valorization of plastic waste: A lab-scale approach with the aid of solar hydrothermal liquefaction technology", Waste and Biomass Valorization
12/2020 N.T. Tsongidis, C.A. Poravou, V.A. Zacharopoulou, D. Dimitrakis, A.G. Konstandopoulos "Valorization of organic waste with the aid of solar hydrothermal liquefaction technology", AIP Conference Proceedings
08/2019 E.N. Manolis, T.D. Zagas, G.K. Karetos, C.A. Poravou "Ecological restrictions in forest biomass extraction for a sustainable renewable energy production", Renewable and Sustainable Energy Reviews

06/2016 E.N. Manolis, T.D. Zagas, C.A. Poravou, D.T. Zagas “Biomass assessment for sustainable bioenergy utilization in a Mediterranean forest ecosystem in northwest Greece”, Ecological Engineering

CONFERENCES/SCHOOLS

05/2022 International Summit on Green Chemistry 2022 (La Rochelle)
06/2021 8th International Conference on Sustainable Solid Waste Management (Online)
05/2019 12th Panhellenic Scientific Conference on Chemical Engineering (Athens)

TEACHING

03/2022-06/2022 Teaching assistance in Chemical Engineering laboratory
(*Department of Chemical Engineering, Faculty of Engineering, Aristotle University of Thessaloniki*)

COMPUTER SKILLS

Microsoft Office, Solidworks, Matlab, Aspen Plus, SPSS

LANGUAGES

Greek (native), English (C2), Italian (B1)

PERSONAL SKILLS

Communication skills – public relations
Team spirit
Project Management

VOLUNTEERING

Grants coordinator for Board of European Students of Technology
(*Thessaloniki Local BEST Group*)
Thessaloniki: European Youth Capital city 2014
Kalamaria Municipal Wind Orchestra