

CHONDROU ANGELIKI

Nationality: Greek
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Date of Birth: 18/11/1993

EDUCATION

- 04/2019-Today **PhD in Chemistry**, Chemical and Environmental Technology, Department of Chemistry, Aristotle University of Thessaloniki
PhD Thesis: **Advanced methods for the formation and stability study of emulsions**
- 09/2016-02/2019 **MSc in Chemistry**, Chemical and Environmental Technology, Department of Chemistry, Aristotle University of Thessaloniki
MSc Thesis: **Stability study of emulsions prepared with an innovative miniature emulsification device**
General Degree: **8.96/10**
- 2011-2016 **Chemistry Degree**, Food Chemistry and Technology, Department of Chemistry, Aristotle University of Thessaloniki
Graduate Thesis: **Recognition of basic tastes in samples of natural mineral water**
General Degree: **7.26/10**

WORKING EXPERIENCE

- 11/2019-Today **Aristotle University of Thessaloniki**
Experimental measurement execution and data analysis for the European Space Agency project "Emulsion Dynamics and Droplet Interfaces" (ESA)
- 09/2017- 02/2019 **Aristotle University of Thessaloniki**
Experimental measurement execution and data analysis for the European Space Agency project "Soft Matter Dynamics" (ESA)
- 07/2016-08/2016 **Qlab Analytical Laboratory – Internship**
- Chemical analysis of soil, fertilizer, water, wastewater, food and feed samples
 - Microbiological analysis of foodstuffs, water and wastewater
 - Methods of microbial assessment of surfaces and air

TEACHING EXPERIENCE

- 2018 **"Laboratory of Physical Processes"**, Department of Chemistry, Aristotle University of Thessaloniki, Greece
- 2021 **"Laboratory of Chemical Technology"**, Department of Chemistry, Aristotle University of Thessaloniki, Greece

PUBLICATIONS IN INTERNATIONAL JOURNALS

- Chondrou A. P., Karapantsios T. D., Kostoglou M., **"Effect of width/height of the gap between piston and wall on the performance of a novel small volume emulsification device"**, Colloids and Surfaces A: Physicochemical and Engineering Aspects, 622, 126702, 2021
- Chondrou A. P., Evgenidis S. P., Kostoglou M., Karapantsios T. D., **"An Innovative Miniature Pulsating Emulsification Device: Flow Characterization and Measurement of Emulsion Stability"**, Colloids and Interfaces, 4, 7, 2020

ORAL PRESENTATIONS IN CONFERENCES

- Chondrou A. P., Kostoglou M., Karapantsios T. D., **"Stability study of emulsions prepared with an innovative miniature emulsification device"**, 3rd Chemistry Conference of Graduate & Undergraduate Students, Thessaloniki, Greece, November 22-23, 2019

POSTER PRESENTATIONS IN CONFERENCES

- Salerni F., Chondrou A., Sutterlin R., Orsi D., Santini E., Ravera F., Karapantsios T., Liggieri L., Christofolini L., **"First tests of the capability of the Soft Matter Dynamics facility to produce and study emulsions"**, 26th ELGRA Symposium and General Assembly, Granada, Spain, September 24-27, 2019.
- Liggieri L., Ravera F., Santini E., Loglio G., Karapantsios T., Kostoglou M., Chondrou A., Miller R., Christofolini L., Salerni F., Davide O., Antoni M., Sakamoto K., Yamashita Y., Misono T., Hashimoto S., Noskov B., Ferri J. K., **"Exploring the Relations Between Emulsion Dynamics and Droplet Interfaces by Microgravity Experiments: The EDDI Project."**, 8th Conference: Bubble and Drop, Sofia, Bulgaria, June 24-28, 2019.
- Chondrou A. P., Kostoglou M., Karapantsios T. D., **"Development of an Innovative Miniature Emulsification Device"**, 8th Conference: Bubble and Drop, Sofia, Bulgaria, June 24-28, 2019.

SEMINARS

05/10/2017

"Rheology Seminar", Anton Paar, Department of Chemistry, Aristotle University of Thessaloniki

- Rheology basic theory, necessity for rheological measurements, problems solved by this technique
- Applications, techniques and measuring systems

COMPUTER SKILLS

- Operating Systems: **MS Windows**
- Office software: **MS Office (ECDL Core Certificate)**
- Programming skills: **Python**
- Other software: **SuperProVS Designer, ExtendSim, SPSS, Chemdraw**

FOREIGN LANGUAGES

English:

Level C2

- Certificate of Proficiency in English University of Michigan (ECPE)

Spanish:

Nivel B2

- Diploma de Espanol Como Lengua Extranjera