

# CURRICULUM VITAE

OURANIA OIKONOMIDOU

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## EDUCATION

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PhD Candidate March 2014 - Today

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Department of Chemistry, Aristotle University of Thessaloniki, Greece

Topic: "Bubble dynamics during degassing of liquids", funded by European Space Agency

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Postgraduate Studies Oct. 2010 – March 2012

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**Automation Systems** (constructions and production), National Technical University of Athens, Greece. Degree: **(8,55/10)**

Master Thesis: Simulating mechanical recycling of polyolefins. Reprocessing in terms of a twin screw extruder.

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Graduate Studies Oct. 2003 – Nov. 2009

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**Chemical Engineering**, Aristotle University of Thessaloniki, Greece Degree: **(7,14/10)**

Diploma Thesis: Synthetic chemistry of Cadmium ( $Cd^{+2}$ ) and O-,N- ligands.

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## WORK EXPERIENCE

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**Aristotle University of Thessaloniki** Nov. 2013 - Today

Experiment measurement execution for the NPI European Space Agency project "Bubble dynamics during degassing of liquids".

**ELGRA 2015** September 2015

Organizing Committee of the "22nd E.L.G.R.A. Symposium and General Assembly" Corfu, Greece, September 29 – October 01, 2015.

**EUFOAM 2014** July 2014

Organizing committee of 10th European Conference on Foams and Applications EUFOAM 2014, 7-10 July 2014, Thessaloniki, Greece

**Hellenic Petroleum, Thessaloniki** (Laboratory of Chemistry) Sept. 2011- March 2012

Characterization of thermal, rheological and mechanical properties of polypropylene and its nanocomposites. (Collaboration in terms of Master Thesis)

**49th Thessaloniki International Film Festival, Thessaloniki** (Accounting Department) Nov. 2008

Accountant assistant.

**Hellenic Petroleum, Thessaloniki** (Programming and Distribution of Refinery Products, Department) July-Sep.2006&7

Trainee. Data analysis.

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## TEACHING EXPERIENCE

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"Introduction in Chemical Technology", School of Chemistry, Aristotle University of Thessaloniki, Greece 2015, 2016

"Physical processes", School of Chemistry, Aristotle University of Thessaloniki, Greece 2015, 2016

## **PUBLICATIONS IN INTERNATIONAL JOURNALS**

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**Oikonomidou O.**, Triantou M.I., Tarantili P.A., Anatolaki C., Karnavos N. “The effect of extrusion reprocessing on structure and properties of isotactic polypropylene”, *Macromolecular Symposia*, 321-322 (1), 216-220, 2012.

## **POSTER PRESENTATION IN INTERNATIONAL CONFERENCES**

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**Oikonomidou O.**, Evgenidis S., Kostoglou M., Karapantsios T. D. “Saturation pressure effect on the size of bubbles formed due to liquid decompression”, *Smart and Green Interfaces Conference*, Athens, Greece, 04 – 06 May 2016.

**Oikonomidou O.**, Evgenidis S., Kostoglou M., Karapantsios T. D. “Bubble Size Evolution During Decompression Flow Degassing Under Terrestrial and Hypergravity Conditions”, *22nd ELGRA Symposium and General Assembly*, Corfu, Greece, 29th September – 1st October, 2015.

**Oikonomidou O.**, Evgenidis S., Kostoglou M., Karapantsios T. D. “Assessment of parameters affecting ‘flow’ decompression degassing performance”, *Smart and Green Interfaces Conference*, Belgrade, Serbia, 30th March- 1st April, 2015.

**Oikonomidou O.**, Triantou M.I., Tarantili P.A., Anatolaki Ch., Karnavos N. “The effect of extrusion reprocessing on structure and properties of isotactic polypropylene”, *11th European Symposium on Polymer Blends*, Donostia - San Sebastian, 25th-28th March, 2012.

## **ORAL PRESENTATION IN NATIONAL CONFERENCES**

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**Oikonomidou O.**, Triantou M.I., Tarantili P.A., Anatolaki C., Karnavos N. “Effect of extrusion reprocessing on the thermal stability and transitions of polyolefin systems”, *5<sup>o</sup> Panhellenic Conference of Thermal Analysis and Thermidometry*, Thessaloniki, Greece, 25-27 May 2012.

## **SKILLS**

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### **Foreign Languages**

English: Proficiency of Michigan

French: A2

### **Computer Skills**

Microsoft Office, SolidWorks, Matlab, CncCimulator, Ansys

### **Other**

Member of the Technical Chamber of Greece, since March 2011

Driving license