

TSIMOURI C. IOANNA

Residence

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FREE TIME ACTIVITIES

Music, Movies, Logic games, Sports

OTHER PERSONAL FEATURES

Date of birth: September 5, 1993
Place of birth: Athens
Nationality: Greek

EDUCATION

Master Degree in Chemical Engineering

University of Patras, Patras, Greece 2016-2018

- *Grade:* Not yet completed
- *Research Thesis Title:* "A constitutive model for blood flow, in the context of non equilibrium thermodynamics".
- *Supervisor:* Mavrantzas G. Vlasis

Diploma in Chemical Engineering

University of Patras, Patras, Greece 2011-2016

- *Grade:* 8.75
- *Title Thesis:* " Flow-induced orientation and stretching of entangled polymers in the framework of non equilibrium thermodynamics".
- *Supervisor:* Mavrantzas G. Vlasis

High School Diploma

6^o High School of Kallithea, Athens, Greece 2008-2011

- *Grade:*19

FOREIGN LANGUAGES

Very good knowledge of Greek and English (Proficiency)

Understanding to some extent the Spanish and French

SKILLS AND QUALIFICATIONS

- Good knowledge of programming (Fortran, Matlab)
- Basic programming knowledge in C++
- Rudimentary knowledge of the software GAMS
- Good knowledge of programs Origin and Excel
- Good knowledge of the software ASPEN-HYSYS
- Basic knowledge of Molecular Dynamics
- Knowledge of the program VMD
- Good knowledge of numerical methods (Numerical Analysis)
- Determination, perseverance and ingenuity
- Organization and systematization

PROFFESIONAL EXPERIENCE

- Internship in General Chemical State Laboratory, Petrochemical Division, Piraeus, July 1 – August 31, 2013.
- Presentation of my Thesis at ETH in Zurich University, Institute of Process Engineering, Particle Technology Laboratory, September 18, 2015
- Poster Presentation at the 11th Congress of polymers in Research Technology Institute in Heraklion, November 3-5, 2016
- Presentation of a Postgraduate Research part at the 11th Congress of Chemical Engineering, May 23-25, 2017

HONORS AND AWARDS

- Annual Undergraduate Excellence Award, for the entrance in the School of Chemical Engineering due to the classification, from the State Scholarships Foundation (Ιδρυμα Κρατικών Υποτροφιών, ΙΚΥ), 2013.
- Undergraduate Excellence Award for the academic year 2012-2013, Department of Chemical Engineering (Τμήμα Χημικών Μηχανικών, Τ.Χ.Μ.), 2015.
- Prize for studies completion with great honors and ranking 3rd in the ceremony of July 2016, from the Department of Chemical Engineering.
- Internal Postgraduate Scholarship from the Bodossakis Foundation, 2016-.

PUBLICATIONS IN INTERNATIONAL SCIENTIFIC JOURNALS

1. P. S. Stephanou, **I. Ch. Tsimouri**, and V. G. Mavrantzas, "Flow-induced orientation and stretching of entangled polymers in the framework of non-equilibrium thermodynamics", *Macromolecules*, **2016**, DOI:10.1021/acs.macromol.5b02805
2. **I. Ch. Tsimouri**, C. K. Georgantopoulos, P. S. Stephanou, V. G. Mavrantzas "Flow-induced orientation and stretching of entangled polymers in the framework of non-equilibrium thermodynamics: A revision", in preparation, **2017**