

Curriculum vitae

Anthoula Poulia

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Ioannina, ST 45332

EDUCATION

PhD University of Ioannina, Materials Science and Engineering **Oct 2014-today**

Dissertation: "*Development, characterization and evaluation of the behavior of High Entropy Alloys*"

MS National Technical University of Athens, Chemical Engineering **Sept 2012-Jul 2014**

Thesis: "*Sonochemical synthesis of Cu and Ni nanoparticles and their decoration on ceramic substrates*"
Graduations degree: "8.86/10"

BS University of Ioannina, Materials Science and Engineering **Sept 2007-Jul 2012**

Thesis: "*Evaluation of Al-Mg₂Si in situ composites, further reinforced by TiC particles after solution and aging heat treatments (micro-hardness, wear and corrosion resistance tests)*"
Graduations degree: "8.98/10"

RESEARCH EXPERIENCE

- 2months internship (Sept-Oct 2011) in metal industry Spider S.A. at the Industrial Area of Ioannina under the program of university students placement

FOREIGN LANGUAGES

English

- First Certificate in English, Level B2, University of Cambridge
- Certificate of Proficiency in English, Level C2, University of Cambridge
- Certificate of Proficiency in English, University of Michigan

Germany

- Zertifikat Deutsch, Goethe-Institut
- State language certificate "Good knowledge" (B2)

JOURNAL PUBLICATIONS

- E. Georgatis, A. Lekatou, A. E. Karantzalis, H. Petropoulos, S. Katsamakis and A. *Poulia*, --
- Development of a cast Al-Mg₂Si-Si in situ composite: microstructure, heat treatment and mechanical properties --- *Journal of Materials Engineering and Performance*, 2013, 22 (3), p. 729-741
- A. *Poulia*, P.M. Sakkas, D.G. Kanellopoulou, G. Sourkouni, C. Legros and Chr. Argirusis, --
- Sonochemical synthesis of metallic Cu and Ni particles and their decoration on ceramic substrates --- Submitted to: *Ultrasonics Sonochemistry*

PRESENTATIONS

- A. *Poulia*, A.E. Karantzalis, A. Lekatou --- Evaluation of Al-Mg₂Si in situ composites, further reinforced by TiC particles after solution and aging heat treatments --- Poster in the 9th International Conference on Composite Science and Technology, 24-26 April 2013, Sorrento, Naples, Italy
- A. *Poulia*, A.E. Karantzalis, A. Lekatou, E. Georgatis --- Thermal treatment and evaluation of the wear and corrosion resistance of Al matrix composites, with high Mg and Si content and TiC particle reinforcement --- 5th National Conference of Metallic Materials, 20-22 November 2013, Volos, Greece
- A. *Poulia*, P.M. Sakkas, D.G. Kanellopoulou, G. Sourkouni, Chr. Argirusis --- Sonochemical synthesis of Cu και NiO nanoparticles and their decoration on ceramic substrates --- 6th National Conference of Ceramic Materials, 3-4 April, Athens, Greece

HONORS AND AWARDS

- Scholarship from the «State Scholarship Foundation» for performance in courses and general behavior during the academic years of 2007-2008, 2008-2009 and 2009-2010 in the department of Materials Science and Engineering, University of Ioannina
- 2 years scholarship from the “Christodoulou Efthimiou Bequest” for the Master studies in National Technical University of Athens