

PERSONAL INFORMATION

Mădălina-Georgiana Moldoveanu



📍 Iasi, Romania
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Feminine | 21/02/1989 | Romanian

EDUCATION AND TRAINING

- 2008 – 2012 Material Science and Engineering Engineer - Faculty of Material Science and Engineering, Technical University “Gheorghe Asachi” from Iasi
- 2012-2015 Master - Advanced Material and Experimentals Techniques Analisis - Faculty of Material Science and Engineering, Technical University “Gheorghe Asachi” from Iasi
- 2015 - present Ph. D. student - “Experimental research on heat transfer augmentation using nanofluids” at the Faculty of Material Science and Engineering, Technical University “Gheorghe Asachi” from Iasi

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B2	A1	A2	B2
Replace with name of language certificate. Enter level if known.					
Spanish	A1	A1	B1	B1	A1
Replace with name of language certificate. Enter level if known.					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

Communication skills

- good communication skills gained through my ERASMUS stages from Portugal (Universidade da Beira Interior, Department of Electromechanical Engineering, 'Thermal conductivity on composite materials', 2011-2012) and Italia (Seconda Universita degli Studi di Napoli, 2010-2011)

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
INDEPENDENT USER	INDEPENDENT USER	INDEPENDENT USER	INDEPENDENT USER	INDEPENDENT USER

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Replace with name of ICT-certificate(s)

- good command of office suite (word processor, spread sheet, presentation software)

Other skills Entertainer, optimist, team skills, improver.

Driving licence -

ADDITIONAL INFORMATION

Over the four years (2008-2012) of faculty I have participated at scientific sessions for students and I had the opportunity to go with two Erasmus scholarships: one in Italy and one in Portugal.

Over the years I participated at several scientific events for students and my results were:

- First prize with the paper: "Determining the acceleration pole to a space moving rigid body" in 12.05.2010.
- Fourth prize with the paper "Comparative study regarding the optimization of energetic consumptions of a classic oven" at 20.05.2010.
- Fourth prize with the paper: "Diminishing energetic consumption of heating installations at medium temperatures" at 22.05.2008.
- The third prize for the results from the second year of bachelor, with graduated average of 9.18.
- The first prize for the obtained results in third year of faculty, with graduated average of 9.86.

The Erasmus scholarships were: the first one in Italy at Seconda Universita degli Studi di Napoli, from 2010-2011. The second one Erasmus scholarships, in Portugal at Universidade da Beira Interior, Department of Electromechanical Engineering, where I have elaborated the paper "Thermal conductivity on composite materials" from 2011-2012. At the same time I have elaborated my bachelor degree "Composite materials used in automotive industry. Heat transfer behavior and testing by deforming at bending"

Between 2012 and 2014 I continued with two years of Master in Advanced Material and Experimental Techniques Analysis - Faculty of Material Science and Engineering, Technical University "Gheorghe Asachi" from Iasi. In this time I have elaborated my master thesis called "Study regarding the thermal proprieties of nanofluids and their usage in heat exchangers".

In 2014 I started my Ph. D at the same faculty of Material Science and Engineering and my scientific research project theme is: "Experimental research on heat transfer augmentation using nanofluids".

Until now I have participated with papers at the following conferences:

- BraMat 2015 Advanced Materials Research – "Studies on few water based nanofluids behavior at heating", MOLDOVEANU Mădălina Georgiana, MINEA Adriana Alina, Brasov, 2015.

- ImanE 2015 - „A Study on Uncertainties in Estimations of Thermal Conductivity of Alumina Nanofluids”, MOLDOVEANU Mădălina Georgiana, MINEA Adriana Alina, Iasi, 2015.
- ASME 2015: FOM Comparison on Al_2O_3 , CuO and TiO_2 water based nanofluids in laminar and turbulent flow, MINEA Adriana Alina, MANCA Oronzio, MOLDOVEANU Mădălina Georgiana, Italia, 2015.
- Ugal Mat 2016 - „A Technique for Estimating the Termophysical Properties of Hybrid Nanofluids”, MOLDOVEANU Mădălina Georgiana, MINEA Adriana Alina, SIMIONESCU Tudor Mihai, DIMA Adrian, Galati, 2016.