



SIMONA – MIRELA (SZALLASI) DZIȚAC

Date of birth: 16/12/1972 | **Nationality:** Romanian | **Gender:** Female |

(+40) 744936447 | (+40) 259408106 | (+40) 259408231 | (+40) 259408406 |

simona@dzitac.ro | simona.dzitac@gmail.com | sdzitac@uoradea.ro |

Str. Grigore Ureche No. 19, 410485, Oradea, Romania

● WORK EXPERIENCE

10/1997 – 2000 – Oradea, Romania

OFFICE CLERK – UNIVERSITY OF ORADEA

- Administrative responsibilities in Education / Scientific Research

10/2000 – 03/2006 – Oradea, Romania

ASSOCIATE TEACHER – UNIVERSITY OF ORADEA

- Research activities within the National Center for Geothermal Research;
- Specific teaching and training activities within the disciplines: Special mathematics, Mathematical analysis.

03/2006 – 02/2008 – Oradea, Romania

ENGINEER AND ASSOCIATE TEACHER – UNIVERSITY OF ORADEA

- Research activities within the Energy Process Management Research Center;
- Specific teaching activities.

02/2008 – CURRENT – Oradea, Romania

ASSOCIATE PROFESSOR / HEAD OF WORKS – UNIVERSITY OF ORADEA

- Specific teaching and training activities in the disciplines: Energy Process Modeling, Energy Reliability, Probability Theory and Mathematical Statistics, Energy Systems, Energy Market and Exchange, Economical Statistics, Quality Management, Managerial Informatics, Energy Systems Modeling and Simulation, etc;
- Collaborator - National Geothermal Research Center - Technological Transfer Center of the University of Oradea - NGRC - TTC;
- Member of the Student and Social Services Council of the University of Oradea (UO), Commission for reductions / exemptions of UO tuition fees, Commission for awarding scholarships per university, the Commission for analyzing student needs at the UO level for the academic years 2019-2021;
- Commission member of student research activities, awarding scholarships on the University of Oradea for the academic year 2018-2019;
- Vice Dean of the Faculty of Energy Engineering and Industrial Management (FEEIM), [10.2015 ÷ 05.2016];
- Interim Director of the Department of Energy Engineering (DEE), [09.2015 ÷ 10.2015];
- Member of the Academic Commission within FEEIM, [06.2016 ÷ 12.2019];
- Chairman of the Social Commission within FEEIM, [11.2015 ÷ 05.2016];
- Member of the Commission for Scientific Research and International Relations [27.03.2008 ÷ 2015], FEEIM;
- Member of the Senate of the University of Oradea, [2012 ÷ 09.2015];
- Member of the FEEIM Council and of the DEE Council, [2012 ÷ 12.2019];
- Member of the Energy Process Management Research Center, DEE, 2006 ÷ present.

● EDUCATION AND TRAINING

10/1992 – 06/1995 – Universitatii No.1, Oradea, Romania

SENIOR SECRETARY / GRADUATION DIPLOMA IN LOCAL ADMINISTRATION AND SECRETARIAL SPECIALIZATION – University of Oradea, Technical, Economic and Administrative College

www.uoradea.ro

10/1993 – 06/1997 – Universitatii No.1, Oradea, Romania
JURIST - BACHELOR – University of Oradea, Faculty of Law

www.uoradea.ro

10/1996 – 06/2000 – Universitatii No.1, Oradea, Romania
BACHELOR'S DEGREE IN MATHEMATICS-PHYSICS – University of Oradea, Faculty of Sciences, Mathematics-Physics

www.uoradea.ro

2000 – 2000 – Universitatii No.1, Oradea, Romania
PEDAGOGICAL MODULE / GRADUATION CERTIFICATE – University of Oradea, Faculty of Sciences, Department for training and improvement of teaching staf

www.uoradea.ro

10/2000 – 06/2001 – Universitatii No.1, Oradea, Romania
ANALYSIS OF TOPOLOGICAL - ALGEBRAIC SYSTEMS / DIPLOMA OF IN-DEPTH POSTGRADUATE STUDIES – University of Oradea, Faculty of Sciences

www.uoradea.ro

10/2000 – 06/2005 – Universitatii No.1, Oradea, Romania
BACHELOR'S DEGREE IN ENERGY ENGINEERING – University of Oradea, Faculty of Energy Engineering and Industrial Management

www.uoradea.ro

10/2004 – 06/2005 – Universitatii No.1, Oradea, Romania
GEOTHERMAL AND SOLAR ENERGY - POSTGRADUATE MASTER'S DEGREE – University of Oradea, Faculty of Energy Engineering and Industrial Management

www.uoradea.ro

10/2004 – 06/2007 – Piața Tineretului, no. 8 , Oradea, Romania
BACHELOR'S DEGREE IN ECONOMIC INFORMATICS – University of Craiova, Faculty of Economics and Business Administration / Agora University, Oradea

www.univagora.ro

10/2005 – 02/2007 – Universitatii No.1, Oradea, Romania
MASTER DEGREE IN QUALITY AND RELIABILITY IN ENERGY – University of Oradea, Faculty of Energy Engineering and Industrial Management

www.uoradea.ro

11/2005 – 09/2008 – Universitatii No.1, Oradea, Romania
DOCTORATE / DOCTORAL DIPLOMA – University of Oradea, Doctoral School

www.uoradea.ro

● LANGUAGE SKILLS

Mother tongue(s): ROMANIAN

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	A2	A2	A1	A1	A2
FRENCH	B1	B1	A2	A2	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Microsoft Office | Microsoft Word | Microsoft Excel | Microsoft Powerpoint | Social Media | Zoom | Microsoft Teams | Moodle | Visio | Good skills in photo and video editing | CAD software

● COMMUNICATION AND INTERPERSONAL SKILLS

Teamwork

- Ability to work in a team (I have worked on 39 national and international research contracts and on a volunteer project);
- Ability to work with students: coordinator of 8 student projects approved and funded by M.E.N./M.E.C.S. for the organization and development of extracurricular activities;
- Ability to communicate within the group and the organization;
- Sense of duty and responsibility.

● ORGANISATIONAL SKILLS

Competences

- Good concentration for analysis and synthesis, critical spirit, result oriented, efficiency, special power of concentration, logic, sense of justice and fairness;
- Member of organizing committees at 21 editions of national-international conferences;
- Special section co-organizer: Soft computing methods in quantitative management and decision making processes, ITQM2017, 8-10 December, 2017, Delhi, India;
- Special section co-organizer: Soft computing for decision making, ITQM2019, 3-6 November, 2019, Granada, Spain;
- Special section co-organizer: Soft Computing & AI Techniques in Power Engineering, SOFA, 14-15.09.2018, Arad, Romania;
- Coordinator / organizer of multiple student scientific events: 10 symposiums, 5 workshops and 5 summer schools; Organizer of field trips / study visits;
- Coordinator of students at national student conferences in the energy field (coordination of over 170 papers during 2006 ÷ present);
- Coordinator of over 70 bachelor's / dissertation papers in the period 2008 ÷ 2020.

● DRIVING LICENCE

Driving Licence: B

● HOBBIES AND INTERESTS

Hobbies

sports, music, field trips, outdoor walks, dancing

● PROJECTS

09/2018 – CURRENT

Founder / President of Association Cluster of Scientific Research, Innovation and European Studies from Oradea

<https://www.ccsiseo.ro>

23/11/2015 – CURRENT

Founder / Director of Center for Scientific Creation and Innovation of Energy Students from Oradea within DEE, FEEIM

● ADDITIONAL INFORMATIONS

Achievements

- Certificate - Training Course: The evaluation of the measurement uncertainty in the PT schemes from the point of view of suppliers and participants, on 13th September 2019 / Oradea, Romania as part of the 7th International Proficiency Testing Conference, PT Conf, Trainers: Ricardo Bettencourt da Silva, PhD -Faculty of Sciences of the University of Lisbon, Portugal & Fernando Cordeiro Raposo, PhD - European Commission, Directorate General Joint Research Center;
- External Member of the College of Physicians of the Hungarian Academy of Sciences in Budapest, Magyar Tudományos Akadémia (MTA), since 2010;
- Author of over 115 national / international scientific papers, of which 29 in ISI-listed journals and 20 in ISI; h-index: 8; 259 citations from ISI to ISI;
- Author / co-author of a number of 12 books;
- Member in 39 research and development projects based on national and international contract / grant, of which 2 director (2 scholarships obtained through competition at the Hungarian Academy of Sciences, Budapest 2010 and 2013), 3 expert and 4 responsible, in the period 2005 ÷ present; member of a volunteering contract 2015/2016;
- Reviewer at the IJCCC / International Journal of Computers, Communications & Control (ISI) since 2008; IJCCC Technical Secretary [2016-2018]; member of the Editorial Board [2018 - present];
- Editor of the journal Acta Technica Corviniensis - Bulletin Of Engineering, BDI, [2009 ÷ present];
- Associate Editor of the Annals of Faculty Engineering Hunedoara- International Journal of Engineering, BDI, [2011 ÷ present]; • Member of the Editorial Board of the International Journal of Advanced Intelligence Paradigms, ISSN online: 1755-0394, ISSN print: 1755-0386, Indexed BDI: Scopus, [2013 ÷ present]; • Executive Editor - Journal of Sustainable Energy (JSE), in the period 2010 ÷ 2015, BDI (CNCSIS B +); member of the JSE Editorial Board, [2015 ÷ present]; • Executive Editor - Annals of the University of Oradea. Energy Issue, 2009, (CNCSIS B);
- Member of four professional / scientific associations: AGIR, SIER, ROMAI, ARTN;
- Graduation certificate of the specialization program Entrepreneurial Competences, organized by Corporative Consulting, period [23.10 - 07.11.2019];
- Graduation certificate of the training program Project Manager, COR code 242101, organized by CFP Perfect Service S.A., period [11 - 15.03.2013];
- Certificate of graduation of the training program Trainer of trainers, COR code 241207, organized by CFP Perfect Service S.A., period [08 - 12.03.2010];
- The prize of the young researcher for the special contributions made to the development of education and science, granted by the Romanian Society of Applied and Industrial Mathematics, Constanța, 2009;
- Awarded 12 times for the research results by the National Council of Scientific Research in Higher Education, within the PNII program, Human Resources, Research Award and by UEFISCDI;
- Other information can be accessed from the personal web page: <http://www.dzitic.ro/ro/simona>