

PERSONAL INFORMATION **Ovidiu Petru Stan**

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Date of birth 20/10/1984

WORK EXPERIENCE

10/2013–Present **Senior lecturer**

Technical University of Cluj Napoca, Faculty of Automation and Computer Science,
Department of Automation, Cluj Napoca (Romania)

- research activities
- didactic activities for Undergraduate students (Reliability and Diagnosis, Project Management)
- didactic activities for Master of Science students (Project Management, Advanced Internet Technologies)
- carrying out the members' personal establishments (organizational chart)
- coordinated and participated in the elaboration of the documentation for accreditation of the Romanian and English Faculty's departments in Cluj-Napoca and Satu-Mare - Bachelor's degree
- head of Compartment for the Relationship with the Socio-Economic Environment

01/11/2015–Present **Program manager Innovation Labs Cluj & Ambassador & Mentor**
Asociatia Techlounge, Bucuresti (Romania)

- promoting the InnovationLabs event through Technical University of Cluj Napoca
- mentoring the team enrolled in InnovationLabs Start-up competition

01/02/2019–Present **Director**

Compartment for the Relationship with the Socio-Economic Environment, Technical
University of Cluj Napoca

- Identifying organizations of the socio-economic environment with which UTCN has or can develop collaborative relationships and establish channels of communication with them
- Developing a database to facilitate the intermediation of collaborations and the transfer of knowledge between the university and socio-economic organizations
- Organize joint events and meetings to help develop collaborative relationships and facilitate the transfer of knowledge to socio-economic organizations
- Developing partnership and collaboration relationships with socio-economic organizations including services that build on existing specific skills, joint participation in national and international development projects, and organizing internships for students

22/02/2019–04/03/2019 **Invited professor**

KL University, Vijayawada (India)

01/01/2012–Present **WEB & PUBLICATION CHAIR**

IEEE International Conference on Automation, Quality and Testing, Robotics, Cluj Napoca
(Romania)

- update the conference website

- keep and manage the contact with the IEEE in order to fulfill all the IEEE specifications
- manage and assigned reviewers to the received papers
- create the program and manage the rooms necessary for the conference
- manage the contact with ISI Web of Knowledge

03/2014–12/2015 Teaching associate professional
 Centrul de Informatica Miniera, Cluj Napoca (Romania)
 - teaching activities

2011–2013 Assistant teacher
 Technical University of Cluj Napoca, Faculty of Automation and Computer Science,
 Department of Automation, Cluj Napoca (Romania)
 - research activities
 - didactic activities (Reliability and Diagnosis, Computer Aided Design, Project Management,
 Advanced Internet Technologies, Application-Oriented Software Environments)

10/2009–09/2011 Research assistant
 Technical University of Cluj Napoca, Faculty of Automation and Computer Science,
 Department of Automation, Cluj Napoca (Romania)
 - research activities throughout the national research project entitled "Development of an Electronic
 Healthcare Record", PN2-Parteneriate, ctr. nr. 11-050/2007
 - didactic activities in Automation Department (Reliability and Diagnosis, Computer Aided Design)

11/2003–05/2004 Computer programmer & service technician
 Software AB International, Cluj Napoca (Romania)
 - maintenance of the computers
 - test and validate the code bar equipment sold to the parties
 - developing of the necessary software application in order to collect information through bar code

EDUCATION AND TRAINING

2008–2011 Doctorate in System Engineering EQF level 8
 Technical University of Cluj Napoca, Faculty of Automation and Computer Science,
 Department of Automation, Cluj Napoca (Romania)
 Thesis title - Techniques for ensuring interoperability in a patient's electronic health record
 Thesis scientific coordinator - Prof.dr.ing. Liviu Miclea

2008–2011 Master's Degree in Advanced Manufacturing Control EQF level 7
 Technical University of Cluj Napoca, Faculty of Automation and Computer Science,
 Department of Automation, Cluj Napoca (Romania)

2003–2008 Bachelor Degree in Engineering EQF level 6
 Technical University of Cluj Napoca, Faculty of Automation and Computer Science,
 Department of Automation, Cluj Napoca (Romania)
 Thesis title - Didactic Test Equipment

27/02/2011–04/03/2011
 16th Estonian Winter School in Computer Science (EWSCS), organized by INSTITUTE of

CYBERNETICS at TUT, Palmse (Estonia)

03/07/2017–13/07/2017

EIT Health Summer School Big Data for Healthy Living, Archamps Technopole (France)

PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign language(s)

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| Spanish | B2 | B2 | B1 | B1 | A2 |
| English | C2 | C2 | C2 | C2 | C2 |

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

Job-related skills

Scientific Activity

- Research Themes

- Information management through internet
- Medical informatics
- Semantic interoperability
- Digital circuits
- Fault tolerant systems

- Publications

46 scientific papers and 4 books, of which the most representative

- Izabela Diana Paun, Dragos Sauciuc, Ovidiu Iosif, **Ovidiu Stan**, Adrian Perse, Catalin Dehelean, Liviu Miclea, Local EHR Management Based on openEHR and EN13606, Journal of Medical Systems, ISSN 0148-5598, Nr. 4, Vol. 35, Pag. 585-590, 10.1007/s10916-009-9395-1
- **O. Stan**, N. O. Iosif, S. Dehelean, D. G. Sauciuc, I. D. Paun, C. Dehelean, L. Miclea, *Developing the DESP system by improving the experimental model*, 2010 IEEE International Conference on Automation, Quality and Testing, Robotics AQTR 2010, Cluj-Napoca, Romania, May 28-30 2010, index by IEEE Xplore
- Dragos Sauciuc, Izabela Paun, **Ovidiu Stan**, Liviu Miclea, Catalin Dehelean, Stefan Dehelean, *Interoperability of EHRs in Romanian Healthcare System*, Automation, Computers, Applied Mathematics, ISSN 1221-437X, Nr. 4, Vol. 19, Pag. 535-538
- **Ovidiu Stan**, Dragos Sauciuc, Izabela Paun, Liviu Miclea, Catalin Dehelean, Stefan Dehelean, *Creating an EHR Experimental Model using Open EHR Specifications and EN/ISO 13606*, Automation, Computers, Applied Mathematics, ISSN 1221-437X, Nr. 4, Vol. 19, Pag. 530-534
- Florina Maria Gabor-Harosa, **Ovidiu Petru Stan**, Lucia Daina, Floarea Mocean, *Proposed model for a Romanian register of chronic diseases in children*, Computer Methods and Programs in Biomedicine, July 2016 Volume 130, Pages 198–204
- **Stan O.**, Miclea L., Sarb A. (2017) *Elderly Fall Risk Prediction System*. In: Vlad S., Roman N. (eds) International Conference on Advancements of Medicine and Health Care through Technology, 12th - 15th October 2016, Cluj-Napoca, Romania. IFMBE Proceedings, vol 59. Springer, Cham
- **Ovidiu Stan**, Dragos Sauciuc, Liviu Miclea, *Medical Informatics System for Romanian Healthcare Systems*, Proceedings of 2011 E-Health and Bioengineering Conference (EHB), 24-26 noiembrie 2011, Iasi, Romania, Gr. T. Popa University of Medicine and Pharmacy Publishing House, Iasi, Romania, 978-606-544-078-4, Pag. 101-105
- 7 research contracts
 - **Member** - "Development of a patient's electronic health record, DESP, PN2-Parteneriate, ctr nr. 11-050/2007, 2007-2010

- **Member** - "Be a part of the Informational Society", POSDRU/132/5.1/G/134060
- **Member** - " SCADA federation systems, collaborative tool for water resource management – Pilot application for the Someş collector - F2S", PN-II-PT-PCCA-2013-4-1052
- **Project manager** - " Software design for service monitoring at the level of the medical network, through innovative solution integration [internal code SF4]. This project is part of POSCCE "Innovative Development Through Urban Ecosystem Informatisation in Cluj-Napoca" - SMIS code 49752, Cluj ITCluster - SMIS code 49752 of Cluj ITCluster
- **Member** - "Healthy lifestyle promotion among children with learning disabilities by using communication networks, media and information technology", PNII-RU-TE-2014-4-2631
- **Member** - "Robots and Society: Cognitive Systems for Personal Robots and Autonomous Vehicles - ROBIN", 72PCCDI/ 2018

- **Project director** - "Security of medical data", national grant ARUT 2018
- **Project director** - "Contract de servicii tehnologice", Primaria Cluj Napoca