



Curriculum Vitae



Personal information

First name(s) / Surname(s) Ștefan Trăușan-Matu
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Nationality Romanian
Gender Male

Work experience

Dates 2001-now (past: 1997-2001; 1994-1997)
Occupation or position held Professor (past: assoc prof., lecturer)
Main activities and responsibilities Teaching, research, PhD advisor (23 students obtained their PhD)
Name and address of employer National Science and Technology POLITEHNICA University Bucharest, Splaiul Independentei 313, Bucharest 060042, Romania
Type of business or sector Higher Education

Dates 1994-now
Occupation or position held Scientific researcher I (1999 – 2002; 1994-1999 Sc. researcher II)
Main activities and responsibilities Research
Name and address of employer Research Institute for Artificial Intelligence “Mihai Draganescu” of the Romanian Academy, Calea 13 Septembrie 13, Bucharest, Romania
Type of business or sector Research

Dates 2003 / 2005 / 2007 / 2008 / 2009 /2015
Occupation or position held Invited Professor
Main activities and responsibilities Teaching, research
Name and address of employer Universite de Nantes, France / Drexel University, Philadelphia, USA / Universite de Nantes, France / Universite Lyon2, France / Universite Paul Sabatier, Toulouse, France / Universite Grenoble Alpes, France
Type of business or sector Higher Education

Dates 1993-1994
Occupation or position held Head of Laboratory
Main activities and responsibilities Management
Name and address of employer Research Institute for Informatics, Bld. Mareșal Averescu 8-10,, Bucharest, Romania
Type of business or sector Research



Dates 1985-1994 (in past: 1987-1990; 1985-1987)
Occupation or position held Principal researcher (in past: researcher, computer programmer)
Main activities and responsibilities Research
Name and address of employer Research Institute for Informatics, Bld. Mareşal Averescu 8-10., Buchareş, Romania
Type of business or sector Research

Dates 1983-1985
Occupation or position held Engineer
Main activities and responsibilities Research and development
Name and address of employer Microelectronica Factory, Erou Iancu Nicolae 34b., Buchareş, Romania
Type of business or sector Research

Education and training

Dates 2005
Title of qualification awarded Fulbright Post-Doc
Principal subjects/occupational skills covered Computer-Supported Collaborative Systems
Name and type of organisation providing education and training Drexel University, Philadelphia, PA, USA
Level in national or international classification ISCED 6

Dates 1990-1994
Title of qualification awarded PhD
Principal subjects/occupational skills covered Artificial Intelligence, Software Engineering
Name and type of organisation providing education and training Politehnica University of Bucharest,
Level in national or international classification ISCED 6

Dates 1978-1983
Title of qualification awarded Engineer in Computer Science
Principal subjects/occupational skills covered Computer Science, Computer Programming, Artificial Intelligence, Software Engineering, Compilers, Modeling and Simulation, Systems Theory, Electronics, Electrical Engineering,, Mathematics, Phisycs, Machanics
Name and type of organisation providing education and training Politehnica University of Bucharest,
Level in national or international classification ISCED 5

Dates 1973-1977
Title of qualification awarded Bacalaureat
Principal subjects/occupational skills covered Computer Science



Name and type of organisation providing education and training
Level in national or international classification

Liceul de Informatică București (now, "Tudor Vianu National College")
ISCED 4

Personal skills and competences

Mother tongue(s)
Other language(s)
Self-assessment
European level ()*

Romanian

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Experimented	C2	Experimented	C2	Experimented	C2	Experimented	C2	Experimented
C2	Experimented	C2	Experimented	C2	Experimented	C2	Experimented	C2	Experimented

Social skills and competences

Teamwork – participated in many research and development teams, including international. Abilities of communication and public presentation – experience as teacher and participations to many conferences and social events

Organisational skills and competences

Experience as director, head of laboratory and director of many research projects, including EU funded. Organisation of activity in the university (master program responsible, courses, laboratories, projects). PhD adviser. President and member in many committees for organisation of conferences, program committees (including A+ graded), workshops and summer schools

Technical skills and competences

Teaching. Research. Design, implementation and testing of computer programs and systems

Computer skills and competences

Computer programming in all paradigms. Artificial Intelligence applications development. Operating systems. Office software

Artistic skills and competences

Music (graduated 8 years of elementary music school): cello, chorus, and orchestra playing. Composing music with Artificial Intelligence tools

Other skills and competences

Reviewer for research projects, conferences, and journals

Other data

- Member of the:
- Romanian Academy Commission for the History and Philosophy of Science
 - Academy of the Romanian Scientists
 - Romanian Technical Sciences Academy (correspondent member)
 - CNATDCU, Comisia de Calculatoare și Tehnologia Informației
 - Scientific Council of the Research Institute for Artificial Intelligence "Mihai Drăganescu" of the Romanian Academy
 - Scientific Council of the Precis Research Institute
 - Council of the Automatic Control and Computers Faculty and of the Computers Department
 - Romanian Association for Artificial Intelligence
 - Romanian Association for Human-Computer Interaction

Additional information

- Fulbright Scholar Award (2005), Drexel University, Philadelphia, PA, USA
- Romanian Academy "Mihai Drăganescu" Award (2013) for the Polyphonic Model
- Academy of Romanian Scientists „Corneliu Penescu” Award (2022)
- First prize at the National Informatics Contest (1978)

Publications

24 books (10 as editor), 61 book chapters and more than 530 peer-reviewed papers (203 ISI WOS indexed, H-Index 16; over 35 at A rated conferences). 4735 citations in Google Scholar (H-Index 34)



Selection of 5 relevant publications:

1. Stefan Trausan-Matu, The Polyphonic Model of Collaborative Learning, in Mercer, N., Wegerif, R., & Major, L. (eds.), *The Routledge International Handbook of Research on Dialogic Education*, Routledge, New York, NY, pp. 454-468, 2020
2. Stefan Trausan-Matu, Kristy Elizabeth Boyer, Martha Crosby, Kitty Panourgia (eds.), *Intelligent Tutoring Systems, 12th International Conference*, Honolulu, Hawaii, Lecture Notes in Computer Science 8474, Springer, New York, 2014
3. Stefan Trausan-Matu, Is it possible to grow an I-Thou relation with an artificial agent? A dialogistic perspective, *Artificial Intelligence & Society, Journal of Knowledge, Culture and Communication*, Vol. 34, Nr. 1, Special Issue: Ethics of AI and Robotics, Springer-Verlag London, pp. 9-17, 2019
4. Stefan Trausan-Matu, Mihai Dascalu, Traian Rebedea, PolyCAFe—automatic support for the polyphonic analysis of CSCL chats, *International Journal of Computer-Supported Collaborative Learning*, 06/2014; Volume 9(2), Springer, pp. 127-156, 2014
5. Stefan Trausan-Matu, Gerry Stahl, Johann Sarmiento, Supporting Polyphonic Collaborative Learning, *E-service Journal*, vol. 6, nr. 1, Indiana University Press, pp. 58-74, 2007.

Selection of several projects conducted, won by competition or in which was a member

1. RAGE — Realising an Applied Gaming Eco-system, H2020-ICT-2014/H2020-ICT-2014-1 No. 644187, 2015-2019
2. LTfLL – Language Technology for Lifelong Learning (EU-FP7 STREP), 2008-2011
3. 3rd European Network for the Advancement of Artificial Cognitive Systems, Interaction and Robotics, EUCogIII Network FP7-ICT-EUCogIII-269981, 2011-2014
4. Early Nutrition eAcademy Southeast Asia (ENeASEA) ERASMUS+, 2016-2019
5. IKF (Information and Knowledge Fusion), European Commission EUREKA Project E! 2235, 2002-2003
6. Virtual Math Teams, NSF project at Drexel University, Philadelphia, PA, USA, 2005

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