

# Tudor Jebelean

## Curriculum Vitae

Mai 2022

### (i)Educatie:

Institutia	Perioada	Diploma
Johannes Kepler Universität, Linz, Austria	2002	Abilitare in Matematica
Johannes Kepler Universität, Linz, Austria	1990 - 1994	Doctor in Informatica
West University of Timișoara, Romania	1975 - 1979	Master in Informatica

### (ii)Experienta profesionala:

Institutia	Perioada	Pozitia	Descriere
Research Institute for Symbolic Computation (RISC-Linz), Johannes Kepler Universität, Linz, Austria	2002-present	A.o. Univ. Professor	Cercetare in rationament automat, aritmetica in multiprecizie, calcul systolic. Cursuri in calcul paralel, logica matematica, rationament automat. Participare si organizare de proiecte de cercetare.
	1996 - 2002	Univ. Assistănt	
	1994 - 1996	Cercetator Postdoctoral	
	1990 - 1994	Doctorand	
Universitatea din Timisoara	1984 - 1990	Asistent universitar	Cursuri limbaje formale si programare. Cercetare stiintifica.
Universitatea din Timisoara (actual UVT)	1980 - 1984	Programator analist.	Programare, servicii, cercetare stiintifica.

### (iii)Proiecte:

- Multiple Precision Arithmetic on Parallel Architectures (Austrian FWF), cercetator principal, 1994 -- 1997, 65 000 Euro
- Rewriting techniques and efficient theorem proving (INTAS), conducator de proiect, 1997 - 2000, 50 000 Euro
- Practical Formal Verification Using Automated Reasoning and Model Checking, (INTAS), conducator de proiect, 2006 - 2009, 52 000 Euro
- mpcEnergy: Increasing the Energy Efficiency in Buildings by Energy Management using Refined Process Modeling and Optimization Strategies} (Upper Austrian Government) cercetator principal, 2013, 120 000 Euro
- Institute e-Austria Timisoara: Mathematical Theory Exploration for Industrial Applications (Austrian Ministry of Science), conducator de proiect, 2008 - 2011, 70 000 Euro
- SFB Numerical and Symbolic Scientific Computing (Austrian FWF), conducator de sub-

proiect, 1998 - 2008, 12 Mio Euro

- SC-square: Satisfiability Checking and Symbolic Computation (EU 712689), conducator de partener, 2016 – 2018, 500 000 Euro
- ARC: Automated Reasoning in the Class (EU Erasmus +), conducator de partener, 192 000 Euro

**(iv) Alte realizari:**

- Co-fondator si co-organizator al conferintei anuale SYNASC in Timisoara, din 1999.
- Co-fondator si co-organizator al Institutului e-Austria din Timisoara (din 2002).
- Cercetator principal in proiectul *Theorema* (din 1996).
- Raportor pentru proiecte stiintifice la Comisia Europeana (1999 - 2010)
- Conducator de doctorat la Departamentul de Informatica, UVT (din 2003)
- Cursuri la plata cu ora (rationament automat, metodologia cercetarii, calcul paralel) la Departamentul de Informatica, UVT (din 2003)

06.05.2022

