



**Europass
Curriculum Vitae**

Personal information

First name(s) / Surname(s) **Ioan Radu Peter**
Address(es) Technical University of Cluj-Napoca, Department of Mathematics,
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E-mail ioan.radu.peter@math.utcluj.ro
Nationality Romanian
Date of birth 18.11.1968
Gender Male

Occupational field Education, research

Work experience

Dates	2006-present	2010-present
Occupation or position held	Associate Professor	Professor
Main activities and responsibilities	Courses: Algebra	Courses: Algebra, Mathematics in Machine Learning
Name and address of employer	Technical University of Cluj-Napoca	Technical University of Cluj-Napoca, Memorandumului nr 28, Cluj-Napoca,
Type of business or sector	Education and Research	Education and Research
Dates	2006-2018	
Occupation or position held	Associate Professor	
Main activities and responsibilities	Courses, Seminars: Algebra, Mathematical Analysis	
Name and address of employer	Technical University of Cluj-Napoca	Technical University of Cluj-Napoca, Memorandumului nr 28, Cluj-Napoca, România
Type of business or sector	Education and Research	
Dates	2000-2006	
Occupation or position held	Lecturer	
Main activities and responsibilities	Courses, seminars: Algebra, Special Mathematics, Mathematical Analysis	
Name and address of employer	Technical University of Cluj-Napoca	Technical University of Cluj-Napoca, Memorandumului nr 28, Cluj-Napoca, România
Type of business or sector	Education and Research	
Dates	1996-2000	
Occupation or position held	Assistant Professor	
Main activities and responsibilities	Courses, seminars: Mathematical Analysis, Algebra, Special Mathematics	
Name and address of employer	Technical University of Cluj-Napoca	Technical University of Cluj-Napoca, Memorandumului nr 28, Cluj-Napoca, România

Type of business or sector Education and Research

Education and training

Dates	1996-2003
Title of qualification awarded	PhD in Mathematics, summa cum laude
Principal subjects/occupational skills covered	Mathematics, Differential Geometry
Name and type of organisation providing education and training	Debrecen University
Dates	1987-1993
Title of qualification awarded	Licensed in Mathematics
Principal subjects/occupational skills covered	Mathematics
Name and type of organisation providing education and training	Babes Bolyai University, Faculty of Mathematics and Informatics

Personal skills and competences

Mother tongue(s)	Romanian				
Other language(s)	English, French, Italian				
Self-assessment	Understanding		Speaking		Writing
European level (*)	Listening	Reading	Spoken interaction	Spoken production	
English	excellent	excellent	excellent	excellent	excellent
French	A2	A2	A2	A2	A2

(*) [Common European Framework of Reference for Languages](#)

Good Communication capabilities, excellent oral skills, good team work, etc.

Social skills and competences

Organisational skills and competences

Co Principal Investigator: Dynamics Analysis of Parallel Simulations of Biological Neural Microcircuits (DynAPSNeur), HP-SEE Pilot Call
Grant 24-565/2002 awarded by Romanian Ministry of Education and Research.
Grant 100-565/2003 awarded by Romanian Ministry of Education and Research.

Mathematics, Differential Geometry, Differential Topology, Pattern Recognition, Machine Learning

Technical skills and competences

Computer skills and competences

Operating systems: Microsoft Windows, Linux
Other: Latex, Sagemath

Artistic skills and competences

Photography

Other skills and competences

Sport: hiking, skiing, touring ski, mountain bike,

Driving licence

B Category driver license

Additional information

Remarkable results:

1. Fellowship of Romanian Ministry of Education and Research (fellowship at the University of Debrecen), September 10-December 10 1998.
2. Grant 24-565/2002 awarded by Romanian Ministry of Education and Research.
3. Grant 100-565/2003 awarded by Romanian Ministry of Education and Research.
4. NATO postdoctoral fellowship, Debrecen Univeristy, September 2004.
5. Matsumae International Foundation postdoctoral fellowship, June 1- November 30 2005, Hokkaido Tokai University, Sapporo, Japan.or abroad

Principal Investigator:

6. Grant Tineri Cercetatori, Ministerul Educatiei, 2002,2003.
7. DynAPSNeur, "Dynamics Analysis of Parallel Simulations of Biological Neural Microcircuits", FP7 "Research Infrastructures" action (January 1 - December 30, 2013) (co Principal Investigator- cu Ioan Lucian Munteanu)
8. Bilateral RO-HU 2013-2014 (local PI)

Presence in conferences:

Participant in more than 20 international conferences, organized in Romania or abroad

Other experiences:

Member in several grant teams in mathematics and applications. Some of them:

1. **Proiect de tip STAR, nr. 192/2017 cu titlul "Tehnici de analiză vizuală a datelor astrofizice multidimensionale pentru detecția obiectelor în mișcare" NEARBY – director proiect – prof.dr.ing. Gorgan Dorian, în valoare de 515.000,00 RON;**
2. **Proiect de tip STAR, nr. 184/2017, cu titlul "Platformă software pentru monitorizare pedologică în zona Transilvaniei bazată pe date Sentinel-2" -HORUS - director proiect- prof.dr.ing. Gorgan Dorian – în valoare 510.000,00 RON;**
3. **Proiect de tip Premiere H 2020, cu titlul "Automated Urban and Driving -UP Drive PP H2020, director proiect prof.dr.ing. Nedevschi Sergiu, în valoare de 303.751,00 RON;**
4. **Proiect de tip H 2020, cu titlul "Automated Urban and Driving -UP Drive"- UP DRIVE, director proiect – prof.dr.ing. Nedevschi Sergiu, în valoare de 4.039.690,00 EU;**
5. **Proiect de tip H 2020, cu titlul PAN-ROBOTS Capacitati, - director proiect,**

- prof.dr.ing, Nedevschi Sergiu, în valoare de 693.066,00 RON;*
6. **Proiect de tip Inovare EUREKA, nr. 322E/2012**, cu titlul "Servicii ale Viitorului pentru Mobilitate prin Cooperare"- director proiect, *prof.dr.ing. Nedevschi Sergiu, în valoare de 750.000,00 EU;*
 7. **Proiect de tip PCCA, nr. 210/2012** cu titlul "Sistem de Observare a Orbitelor Terestre Medii si Inalte bazat pe Stereoviziune"-AMHEOS- director proiect, *conf.dr.ing. Danescu Radu, în valoare de 847.600,00 RON;*
 8. **Proiect de tip STAR nr. 106/2013**, cu titlul "Flexible processing of Big Earth data using high performance com", director proiect - *prof.dr.ing. Gorgan Dorian, în valoare de 495.868,19 RON;*
 9. **Proiect de tip PCCA, nr.344/2014**, cu titlul "Platforma experimentală de calcul performant pentru cercetare științifică și dezvoltare antreprenorială" – director proiect – *prof.dr.ing. Gorgan Dorian, în valoare de 721.461,00 RON;*
 10. **Proiect de tip FP 7, nr.101/2014**, cu titlul "Fostering sustainability and uptake of research results through Networking activities in Black Sea & Mediterranean areas" -IASON, *Gorgan Dorian, în valoare de 258.403,20 EU;*
 11. **Proiect de tip FP 7, cu titlul "IGE"**, director proiect- *Muntean Ioan Lucian, în valoare de 985.600,00 EU;*

Students coauthors (PhD, Graduate students): Alexandra Dobos, Cristina Prodan, Adina Mandrut, Mircea Drulea, Mihai Negru, Adrian Sabou, Marius Joldos