



**Europass
Curriculum Vitae**

Personal information

First name(s) / Surname(s) **Ioan Radu Peter**
Address(es) **Technical University of Cluj-Napoca, Department of Mathematics, Str. G. Baritiu 25, room 198**
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Nationality **Romanian**

Date of birth **18.11.1968**

Gender **Male**

Occupational field **Research, education**

Work experience

2018-present
Occupation or position held **Professor**
Main activities and responsibilities **Courses: Algebra, Mathematical Models in Pattern Recognition**
Name and address of employer **Technical University of Cluj-Napoca, Memorandumului nr 28, Cluj-Napoca, România**
Education and Research
Type of business:
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, 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, 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, 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 |
| <i>European level (*)</i> | Listening | Reading | Spoken interaction | Spoken production | |
| English | excellent | excellent | excellent | excellent | excellent |

() Common European Framework of Reference for Languages*

Social skills and competences

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

Technical skills and competences

Reference: Educational Strategy 2006-2014, Foreign Funds European Union, Ministry of Education

Computer skills and competences Operating systems: Microsoft Windows, Linux
Other: Latex, Sagemath, R programming

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 University, September 2004.
5. Matsumae International Foundation postdoctoral fellowship, June 1- November 30 2005, Hokkaido Tokai University, Sapporo, Japan 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 40 international conferences, organized in Romania or abroad.

Other experiences:

Representative Journals: Nature, Nature Communications Biology, Expert Opinion on Investigational Drugs, Mathematische Annalen, Kyoto Journal of Mathematics, IEEE Transactions on Intelligent Transportation Systems, etc.

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

Ciuj-Napoca 06.03.2024

Ioan Radu Peter