



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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E-mail ioan.radu.peter@math.utcluj.ro
Nationality Romanian
Date of birth 18.11.1968
Gender Male

Occupational field

Work experience

Dates 2006-present
Occupation or position held Associate Professor
Main activities and responsibilities Courses: Algebra
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: Alegbra, 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: Mathematical Analsys, Algebra
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	Technical University of Cluj-Napoca, Faculty of Electrical Engineering

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s) **English, French, Italian**

Self-assessment <i>European level</i> (*)	Understanding		Speaking		Writing	
	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](#)

Social skills and competences	Good Communication capabilities, sociable, serious person, good team work abilities
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.
Technical skills and competences	Mathematics, Differential Geometry, Differential Topology, Pattern Recognition, Machine Learning
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 University, September 2004.
5. Matsumae International Foundation postdoctoral fellowship, June 1- November 30 2005, Hokkaido Tokai University, Sapporo, Japan.or abroad

Principal Investigator:

1. Grant Tineri Cercetatori, Ministerul Educatiei, 2002,2003.
2. 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)
3. 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. **PAN-Robots** - Plug And Navigate ROBOTS for smart factories, FP7 project (2012 – 2015).
FP7 Projects: (PI: Sergiu Nedevschi)
2. **IASON** - Fostering sustainability and uptake of research results through Networking activities in Black Sea & Mediterranean areas, <http://www.iason-fp7.eu/>, Funded by the European Commission (2013 - 2015). (PI: Gorgan Dorian)
3. Research of Excellence Projects:
BIGEARTH - Flexible processing of big earth data over high performance computing architectures, <http://cgis.utcluj.ro/projects/bigearth>, ROSA STAR project (2014-2016). (PI: Gorgan Dorian)
4. **PECSA** – Experimental Computer Services Platform for Scientific and Entrepreneurial Development, (PI: Gorgan Dorian)
<http://cgis.utcluj.ro/pecsa/>, PN-II-PCCA project (2014-2016).
5. PCCA 210 → PCCA 210/2012, AMHEOS (PI: Danescu radu)

Short papers list (ISI,5):

1. Exponential Contrast Restoration in Fog Conditions for Driving Assistance (cu Sergiu Nedevschi si Mihai Negru), IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS, (Volume:16 , Issue: 4), 2257 – 2268, DOI: 10.1109/TITS.2015.2405013
2. A class of generalized monotone operators (cu Cornel Pintea si Daniela Marian)_Journal of Mathematical Analysis and Applications. 01/2015; 421:1827-1843. DOI: 10.1016/j.jmaa.2014.08.017
3. A compactness theorem in Finsler geometry (cu Mihai Anastasiei) Publicationes mathematicae . 04/2014; 84(1-2):75-88. DOI: 10.5486/PMD.2014.5834
4. Heat shock protein 90 inhibitors in the treatment of cancer: current status and future directions (cu Komal Jhaveri, Stefan O Ochiana, Mark PS Dunphy, John F Gerecitano, Adriana D Corben, Radu I Peter, Yelena Y Janjigian, Erica M Gomes-DaGama, John Koren III, Shanu Modi, Gabriela Chiosis) , Expert Opinion on Investigational Drugs . 03/2014; DOI: 10.1517/13543784.2014.902442
5. Some connectedness problems in positively curved Finsler manifolds, Journal of Geometry and Physics (Impact Factor: 0.8). 01/2009; 59:54 - 62. DOI: 10.1016/j.geomphys.2008.09.004

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

Cluj-Napoca 07.02.2016

Ioan Radu Peter