



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
Telephone(s) 0040-726-204977
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: Linear Algebra and Geometry (in English and Romanian) |
| 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, Babes-Bolyai 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

Personal skills and competences

Mother tongue(s) **Romanian**

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

Self-assessment
 European level (*)

English

French

| Understanding | | Speaking | | Writing |
|---------------|-----------|--------------------|-------------------|-----------|
| Listening | Reading | Spoken interaction | Spoken production | |
| excellent | excellent | excellent | excellent | excellent |
| 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 Univeristy, 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- with Ioan Lucian Munteanu)
3. Bilateral RO-HU 2013-2014 (local PI)

Presence in conferences:

Participant in more than 30 international conferences, organized in Romania or abroad

Other experiences:

Member in more than 20 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)

Author of 20 ISI papers. 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 Pinteau si Daniela Marian)_Journal of Mathematical Analysis and Applications. 01/2015; 421:1827-1843. DOI: 10.1016/j.jmaa.2014.08.017
3. Rodina, A., Wang, T., Yan, P., Gomes, E.D., Dunphy, M.P.S., Pillarsetty, N., Koren, J., Gerecitano, J.F., Taldone, T., Zong, H., Caldas-Lopes, E., Alpaugh, M., Corben, A., Riolo, M., Beattie, B., Pressl, C., Xu, C., Trondl, R., Patel, H.J., Shimizu, F., Bolaender, A., Yang, C., Panchal, P., Farooq, M.F., Kishinevsky, S., Modi, S., Lin, O., Peter, R.I., Chu, F., Patil, S., Erdjument-Bromage, H., Zanzonico, P., Hudis, C., Studer, L., Roboz, G.J., Cesarman, E., Cerchiatti, L., Levine, R., Melnick, A., Larson, S.M., Lewis, J.S., Guzman, M.L., Chiosis, G., The epichaperome is an integrated chaperome network that facilitates tumour survival, Nature, 538(7625), pp. 397-401. DOI: 10.1038/nature19807, ISSN: 0028-0836
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

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Ioan Radu Peter

