# Anca ANDREICA

*Assoc. prof., PhD, Department of Computer Science, Faculty of Mathematics and Computer Science, Babes-Bolyai University of Cluj-Napoca*

## Education:
- *June 2001*, BSc in Computer Science
    - Faculty of Mathematics and Computer Science, Babes-Bolyai University
- *June 2002*, MA in Computer Science
    - Faculty of Mathematics and Computer Science, Babes-Bolyai University
- *November 2007*, PhD in Computer Science
    - Faculty of Mathematics and Computer Science, Babes-Bolyai University
- *April 2011*, Trainer certificate, SC Learn&Vision, Cluj-Napoca
- *November 2011*, Communication certificate, SC Learn&Vision, Cluj-Napoca
- *June 2014*, Project manager certificate, Smart Projects Association, Bucuresti

## Professional experience:
- *April 2014 – present*, Associate professor
- *March 2008 – March 2014*, Lecturer
- *March 2004 – February 2008*, Teaching assistant
- *October 2001 – February 2004*, Laboratory assistant

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## Projects coordination:
- Grant University of Fribourg, Switzerland: *New Biologically Inspired Metaheuristics, Techniques and Algorithms with Applications in Artificial Intelligence, Bioinformatics and Engineering*, October 2006 – September 2007 (16 500 euro)
- Grant POSDRU/161/2.1/G/138033: *Increasing employability through successful practice (PRACT-IT)*, July 2014 – present (468 360 euro)

## Projects participation:
- CNCSIS TE: *Emergence, Auto-Organization and Evolution: New Computational Models in the Study of Complex Systems*, 2010-2013
- CNCSIS Partnerships: *New Natural Computation Models for the Study of Complexity and Solving Complex Problems,* 2007-2010
- CNCSIS A: *Nature Inspired Computational Models. New Paradigms and Metaheuristics. Real Applications*, 2007- 2009
- UBB: *Natural Computation. Applications for Bio/Nano Technologies and Bioinformatics*, 2005-2007
- CNCSIS A: *Evolutionary Computation: New Paradigms, techniques and Evolutionary Algorithms. Applications for Optimization and Artificial Intelligence*, 2004-2006
- POSDRU/87/1.3/S/63909: *Improving teachers in secondary education who teach Romanian national minorities* (ICT expert, ICT trainer), 2012, 2014
- POSDRU/157/1.3/S/133900: *Improving Romanian teachers who teach in secondary education in assessing students' communication skills* (ICT trainer), 2014
- POSDRU/87/1.3/S/63471: *Continuing Education of Teachers in schools for the hearing impaired: Developing teaching skills through the use of sign language and ICT Romanian* (ICT trainer), 2013

- FP6: *European partnership for qualitative research training* (ICT subcontract), 2006-2010

**Research fellowships:**
- Computational Intelligence Research Group, Department of Computer Science, TU Dortmund University, Germany, *July – August 2013*
- Centre for the Study of Complex Dynamics, Complex World Research Group, University of Florence, Italy, *November 2011*
- Faculty of Science, University of Fribourg, Switzerland, *October 2006 – October 2007*
- Institute for System Software, Johannes Kepler University of Linz, Austria, *March – June 2006*
- Faculty of Informatics, Department of Programming Languages and Compilers, Eotvos Lorand University of Science, Budapest, Hungary, *June - July 2005*

**Reviewer activity:**
- Journal of Applied Logic (indexat SCI-E)
- Logic Journal of the IGPL (indexat AMS, Journal Citation Reports/Science Edition, Mathematical Reviews, Proquest, SCI-E, The Standard Periodical Directory, Zentralblatt Math)
- Journal of Zhejiang University (indexat SCI-E, Ei, INSPEC, CA)
- Journal of Systems Science and Complexity, Springer-Verlag (indexat SCI-E, SCOPUS, INSPEC, Zentralblatt Math)
- Journal of Memetic Computing, Springer-Verlag (indexat SCOPUS, Google Scholar, DBLP, EI-Compendex, io-port.net, OCLC, SCImago, Summon by Serial Solutions)
- International Journal of Computational Intelligence Systems (indexat SCI-E)
- Studia Universitatis Babeş-Bolyai, seria Informatica
- International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC 2014), Timisoara, Romania
- Ibero-American Conference on Artificial Intelligence (IBERAMIA 2014), Santiago, Chile
- Nature Inspired Cooperative Strategies for Optimization (NICSO 2011), Cluj-Napoca, Romania
- Coping with Complexity (COPCOM 2011), Cluj-Napoca, Romania
- Evolutionary Algorithms and Complex Systems session (EVO* 2015), Copenhagen, Denmark
- Evolutionary Algorithms and Complex Systems session (EVO* 2014), Granada, Spain
- Evolutionary Algorithms and Complex Systems session (EVO* 2013), Viena, Austria
- Evolutionary Algorithms and Complex Systems session (EVO* 2012), Malaga, Spain
- Evolutionary Algorithms and Complex Systems session (EVO* 2011), Torino, Italy
- Evolutionary Algorithms and Complex Systems session (EVO* 2010), Istanbul, Turkey
- Hybrid Artificial Intelligence Systems (HAIS 2014), Salamanca, Spain
- Hybrid Artificial Intelligence Systems (HAIS 2013), Salamanca, Spain
- Hybrid Artificial Intelligence Systems (HAIS 2012), Salamanca, Spain
- Hybrid Artificial Intelligence Systems (HAIS 2011), Worclaw, Poland
- Hybrid Artificial Intelligence Systems (HAIS 2010), San Sebastian, Spain

**Teaching activity:**
- Computer Systems Architecture (course BA level, 2008 - present)
- Data Mining (course MA level, 2009 - present)
- Deductive Databases (course MA level, 2010 - present)
- Computer Graphics (course BA level, 2011 - present)

- Business Intelligence (course BA level, 2014 - present)
- Mathematical Basis of Computers (seminary, 2001 - 2002)
- Databases (laboratory, 2002)
- Operating Systems (laboratory, 2001 - 2010)
- Computer Systems Architecture (seminary, laboratory, 2001 - present)

**Foreign languages:**
- *English*: advanced
- *French*: advanced (DALF B1 certificate 2001)

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January 7th, 2015