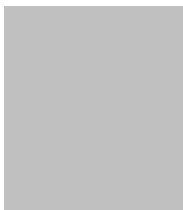


## PERSONAL DATA

## Amăricăi-Boncalo (Boncalo) Oana



 Bulevardul Vasile Pârvan, Nr. 2, Cabinet B522, Timișoara, 300223, România

 0256403264

 oana.boncalo@cs.upt.ro

 www.cs.upt.ro/"boncalo

Sexul Feminin | Data nașterii 14/07/1983 | Naționalitatea Român

CURRENT  
EMPLOYMENT PLACEAssociate Professor,  
Department of Computer and Information Technology  
University Politehnica Timișoara

Feb 2017 – present

**Associate Professor**

Departamentul de Calculatoare si Tehnologia Informatiei

University Politehnica Timișoara

Învățământ superior/cercetare

April 2010 – March 2012

**Researcher**

Partnership between SC Movidius SRL &

University Politehnica Timișoara

Oct 2012 – Feb 2017

**Lecturer**

Department of Computer Science and Engineering

University Politehnica Timișoara

Highere degree education/research

Feb 2009 – Sept 2012

**Teaching Assistant**

Department of Computer Science and Engineering

University Politehnica Timișoara

Highere degree education/research

## PROFESIONAL EXPERIENCE

Oct 2006 – Dec 2008

**PhD**

Scrieți nivelul EQF,  
dacă îl cunoașteți

## EDUCATION

University Politehnica Timișoara

Research area: Computer Engineering: CAD for quantum circuits

Phd Thesis: Simulation Based Reliability Assessment of Quantum Circuits

Oct 2001 – Iul 2006

### Engineering Diploma

Universitatea Politehnica Timișoara

Faculty of Automation and Computers

## COMPETENTE PERSONALE

Limba(i) maternă(e) Română

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleză	C1	C1	C1	C1	C1
Franceza	B1	A2	B1	B1	A1

Niveluri: A1/2: Utilizator elementar - B1/2: Utilizator independent - C1/2: Utilizator experimentat  
Cadru european comun de referință pentru limbi străine

Driving licence - B

## INFORMATII SUPLIMENTARE

Collaborators	CEA-LETI Grenoble – Dr. Valentin Savin ENSEA Cergy Pontoise – Prof. David Declercq TU Delft – Prof. Sorin Cotofana University College Cork – Dr. Emanuel Popovici University of Arizona – Prof. Bane Vasic Universitatea din Belgrad – Dr. Predrag Ivanis RWTH Aachen – Prof. Reiner Leupers Movidius (now Intel) AMIQ
Visiting/Invited professor:	Iunie-Iulie 2012, University College Cork  Ianuarie-Februarie 2016, Universitatea Cergy-Pontoise, Franta

<p>Representative projects</p>	<p>Project responsible:-</p> <p>DIAMOND - Message Passing Iterative Decoders based on Imprecise Arithmetic for Multi-Objective Power-Area-Delay Optimization</p> <p>ESA REDOUBT - Reliable FPGA Datapath Design using Control Techniques</p> <p>Project key personnel:</p> <p>FALX DACIAE: Unelte si Procese de Dezvoltare SW pentru Aplicatii Multimedia Avansate pe Arhitecturi Multi-Core pentru Telefoane Mobile in parteneriat cu firma Movidius (now intel)</p> <p>GEMSCCLAIM - GreenEr Mobile Systems by Cross LAyer Integrated energy Management</p>
<p>Publications</p>	<p>60+ publications in conference and journal papers published in reputed journals such as: IEEE TCAS-I, IEEE TVLSI, Communication letters, IET Electronic letters, ACM JETC, Microelectronics Reliability, Embedded Hardware Design – MICROPRO, etc.</p> <p>50+ journals and proceeding articles indexed ISI</p> <p>2 book chapters</p> <p>2 books</p> <p>1 student activity manual</p>
<p>Reviewer activity</p>	<p>Handling Editor, Microprocessors and Microsystem (Jurnal ISI IF 1.039), 2017-2019</p> <p>Technical Program Committee member: IEEE International Conference on Computer and Information Technology, 2008, 2009, 2010, 2011, Euromicro DSD, 2018, IEEE International Conference on Trust, Security and Privacy in Computing and Communications (IEEE TrustCom-13), (IEEE TrustCom-14), 15th International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP 2015), IEEE ISPA 2017</p> <p>Journal reviewer: IEEE Access, Trans. on Circuits and Systems, Transaction on Reconfigurable Technology, Physical Communication, Computers and Electrical Engineering, Integration, the VLSI Journal, Computers and Electrical Engineering, Digital Signal Processing, Engineering, JESTECH, Trans. On VLSI</p> <p>Conference reviewer, ISCAS 2016, 2018, 2019, TSP 2017, ICSTCC 2017, International Congress on Ultra Modern Telecommunications and Control Systems and Workshops 2016, etc.</p>