

Claro António Noda-Díaz

Curriculum Vitae

+351 929069027

candz@isep.ipp.pt

claronoda



Education

- 2009–2015 **Doctor of Philosophy in Telecommunications Engineering**, *University of Minho*.
1997–1999 **Master in Physical Sciences**, *University of Havana*.
1991–1996 **Bachelor of Science in Physics**, *University of Havana*.

Languages

- Spanish Native
English IELTS Scores: Listening 7.5/Reading 7.0/Writing 7.0/Speaking 7.5/Overall 7.5 (2008)
Italian(*) Listening B2/Reading B2/Spoken Interaction B1/Spoken Production B1/Writing A2
Portuguese(*) Listening C1/Reading C2/Spoken Interaction C1/Spoken Production C1/Writing B2
(*) Common European Framework of Reference (CEFR) level

Professional Experience

- 2014– **Independent Consultancy Services**, Porto, Portugal.
2012–2014 **MASQOTS Project (FCT)**, *School of Engineering (ISEP)*, Porto, Portugal.
2009–2011 **EU FP7 NoE CONET**, *School of Engineering (ISEP)*, Porto, Portugal.
2005–2008 **Teaching Assistant**, *Faculty of Physics*, University of Havana, Cuba.
2001–2005 **Research Assistant**, *ICTM*, University of Havana, Cuba.
1999–2001 Junior Researcher at IMRE, University of Havana, Cuba.

Research Interests

Wireless Networks, Software Defined Radios, Distributed and Embedded Systems, Scientific Instrumentation, Complexity Science.

Selected Awards

- 2011 ACM/IEEE IPSN'11 Best Paper Award Runner-up, Chicago, USA
2009 Doctoral Scholarship. Funded by FCT, Portugal.
2007 ACM Sigcomm Travel Grant. Funded by Cisco Systems, Inc.
2006 Annual Award of the University of Havana: Best Scientific Paper Published in Natural Sciences: "Symmetry Breaking in Escaping Ants".
2002 Annual Award of the National Academy of Sciences: "Experimentos en Pilas de Granos: un análisis crítico del paradigma de la criticidad auto-organizada".
2000 Annual Award of the National Academy of Sciences: "Relaxation of the transport critical current density of HTc superconducting polycrystals".
1991 Honourable Mention in the XXII International Physics Olympiad. Havana, Cuba.
1990 Participation in the XXI International Physics Olympiad. Groningen, The Netherlands.

Computer Skills

Operating Systems	PC (GNU/Linux), WSN (Contiki OS)		
Languages	C, Python, Java	Scientific	Matlab
Version Control	Subversion, Git	Other	Latex, Gnuplot

Teaching Experience

- 2012 Maher Mekki, On the implications of Interference models for low-power wireless networks, Master Thesis, Higher School of Communication of Tunis (Sup'Com). Co-supervised with Mário Alves and Houda Khedher.
- 2005-2008 Teaching Assistant of Electronics for Physics Students.
- 2002-2008 Regular Instructor of Laboratory of Electronics for Physics Students.
- 2000-2002 Regular Instructor of Laboratory of General Physics for Students of Biological Sciences.

Community Service

- 2009-2014 Occasional Reviewer for the following Conferences and Journals:
 - International Conference on Embedded Wireless Systems and Networks (EWSN)
 - IEEE Intern. Conf. on Emerging Technologies and Factory Automation (ETFA)
 - IEEE International Symposium on Industrial Embedded Systems (SIES)
 - International Conference on Real-Time Networks and Systems (RTNS)
 - International Journal of Ad Hoc and Ubiquitous Computing (IJAHUC)
 - IEEE Transactions on Wireless Communications (TWC)
 - Euromicro Conference on Real-Time Systems (ECRTS)
 - International Workshop on the Web of Things (WoT)
 - IEEE Conference on Local Computer Networks (LCN)
 - ACM Transactions on Sensor Networks (TOSN)
 - Ad Hoc & Sensor Wireless Networks (OJS)
- 2009-2014 A total of 27 manuscripts reviewed
- 2006-2015 Co-founder and regular editor of www.wsnblog.com, an independent blog about wireless sensor networks (413k views-per-year). Google Page Rank is 5. Alexa Statistics: traffic rank is 972514 with a total of 71 backlinks (2014).

References

- Prof. Dr. Adriano Moreira
Centro Algoritmi
University of Minho
Email: adriano@dsi.uminho.pt
- Prof. Dr. Mário Alves
CISTER research Unit
Polytechnic Institute of Porto
Email: mjf@isep.ipp.pt
- Prof. Dr. Thiemo Voigt
Department of Information Technology
University of Uppsala
Email: thiemo.voigt@it.uu.se
- Prof. Dr. Kay Römer
Institute for Technical Informatics
Graz University of Technology
Email: roemer@tugraz.at
- Prof. Dr. Ernesto Altshuler
Physics Faculty
University of Havana
Email: altshuler@fisica.uh.cu