

Europass Curriculum Vitae



Personal information

Surname(s) / First name(s) Santos, Alexandre Júlio T.
Address(es) University of Minho
 Department of Informatics
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 Portugal
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Nationality Portuguese
Date of birth 30/09/1956
Gender Male

Work experience

<p>Dates 2005- (present)</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>Vice-President Engineering School, University of Minho; Course Director, MERSCOM (120 ECTS) Master Course Associate Professor in Computer Comms & Networks</p> <p>Bologna process within Engineering courses; Quality enforcements procedures Lecturing: Graduate & Post-Graduate Fundamental Research in Computer Communications & Networks TORGA.net, INTERREG IIIA Project: Technical Director and UMINHO Responsible Investigator</p>
<p>Dates 2001-2005</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>Director of R&D FCT Centre, CCTC (2003-2005), University of Minho; Associate Professor in Computer Comms & Networks President of CCOM – UMINHO's Computer Communications Services Centre</p> <p>R&D Centre and Projects management; R&D evaluation Lecturing: Graduate & Post-Graduate Fundamental Research in Computer Communications & Networks</p>
<p>Dates 1997-2001</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>Director of the LESI (300 ECTS) course, DI, University of Minho; Assistant Professor in Computer Comms & Networks</p> <p>Course organization and course evaluation Lecturing: Graduate & Post-Graduate Fundamental Research in Computer Communications & Networks</p>
<p>Dates 1983-1996</p> <p>Occupation or position held</p>	<p>Professor in Computer Comms & Networks</p>

Name and address of employer University of Minho
 Department of Informatics
 Campus de Gualtar
 4710-057 Braga
 Portugal

Type of business or sector Education
 Principal subjects/occupational skills covered Computer Communications
 Networking Protocols

Name and type of organisation providing education and training University of Minho

Level in national or international classification PhD

Personal skills and competences

Mother tongue(s) **Portuguese**

Other language(s)

Self-assessment
 European level (*)

English

French

Spanish

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient User	C1	Proficient User	C1	Proficient User	C1	Proficient User	C1	Proficient User
C1	Proficient User	C1	Proficient User	B2	Independent User	B2	Independent User	B1	Independent User
C1	Proficient User	C1	Proficient User	B2	Independent User	B2	Independent User	A2	Basic User

(*) Common European Framework of Reference for Languages

Social skills and competences Good communication skills and team working
 Friendly behavior

Organisational skills and competences High school management tasks ; R&D management
 Postgraduate course organisation and scientific evaluation
 Scientific Organization of National networking Conferences (CRC'2004, CRC'2005)
 Scientific supervision of PhD and MSc students

Technical skills and competences Planning and configuration of computer networks at NRN level – RCCN
 International NRN management (RCCN/UM relations with RIPE, 6NET, MBONE, EBONE, IXI, etc)
 Definition and deployment of communication services - CCOM
 Management of networks and services
 Lecturing on computer communications topics
 Carry on fundamental research on computer communications

Computer skills and competences Computer administration skills (both Unix and Windows platforms)
 Network services administration (classical data and voice; integrated services)
 Network management (NRN level); Programming skills

Driving licence Yes

Additional information

Recent publications in international conferences and journals:
 - António Costa, Maria J Nicolau, Joaquim Macedo, Alexandre Santos, QoS Aware Multicast Routing Protocols Evaluation through Simulation , 1st International Workshop on the Evaluation of Quality of Service through Simulation in the Future Internet (QoSSim 2008), ACM Digital Library, ISBN 978-9799-20-2, Marseille, France, Mar 3, 2008
 - Maria J Nicolau, António Costa, Alexandre Santos, Design and evaluation of a multi-class based multicast routing protocol, 21st International Conference on Information Networking (ICOIN 2007), Estoril, Portugal, Jan 23-25, 2007
 -Nuno Veiga, Mário Antunes, Vítor Santos, Alexandre Santos, Experiments with IPv6 Network Mobility

Using NEMO Protocol, Int Conf Telecommunications, Networks and Systems 2007 (TNS2007), pp 147-151, ISBN: 978-972-8924-40-9

- António Costa, Maria João Nicolau, Alexandre Santos, Vasco Freitas , A New Path Probing Strategy for Inter-domain Multicast Routing , First Conference on Next Generation Internet Networks Traffic Engineering, (NGI'2005) IEEE Comm Society, Catalog Number 05EX998C, ISBN 0-7803-8901-8, Libr of Congr 2004116428, Rome, Italy, Apr 18-20, 2005

- Maria João Nicolau, António Costa, Alexandre Santos, Vasco Freitas Towards Multi-class Based Multicast Routing, Proc 6th IEEE HSNMC 2003, July 23-25, LNCS 2720, pp. 52-61, Springer-Verlag Berlin Heidelberg, ISBN 3-540-40542-9, 2003
(and many others; **please see** <http://gcom.uminho.pt/CCG/ccom-pub.html>)

Recent Technical Programm Committee of International Conferences and Workshops in Networking: SAC'2009, ISCC'2008, NETWORKING'2008, SAC'2007, ICOIN'2007, ISCC'2007, NETWORKING'2006, WCNC'2005, CIAWI'2005, WCM'2004, ECUMN'2004

Recent Projects:

- CSI - Cooperation and Serving Innovation (Cooperação ao Serviço da Inovação)
- TriConFor - Tecnologias de Redes Inalambricas para Comunicacion y Formacion (Wireless Network Technologies in Communication and Distance Learning)
- TORGA.Net - Trans pORTugal-GALicia Network

Annexes Please see <http://gcom.uminho.pt/CCG/>