Jaime Lloret_Mauri

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Citation indices	All	Since 2011
Citations	2729	2417
h-index	25	23
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He received his M.Sc. in Physics in 1997 from the University of Valencia. He finished a postgraduate Master in Corporative networks and Systems Integration from the Department of Communications of the Polytechnic University of Valencia in 1999. He received his M.Sc. in electronic Engineering in 2003 from University of Valencia and his Ph.D. in telecommunication engineering (Dr. Ing.) from the Polytechnic University of Valencia in 2006.

Career to Date:

He is a Cisco Certified Network Professional Instructor and he is the Legal Main Contact of several Cisco local academies of the Cisco Networking Academy (CNA). He worked as a network designer and administrator in several enterprises from 1997 to 2001. During all these years he combined enterprise work tasks with educational tasks, teaching in many courses for the Valencian Community Government (more than 2400 hours). He is currently Associate Professor in the Polytechnic University of Valencia. He is the head of the research group "Communications and Networks" of the Integrated Management Coastal Research Institute since 2008. He is the head of the "Active and collaborative techniques and use of technologic resources in the education (EITACURTE)" Innovation Group. He is the director of the University Diploma "Redes y Comunicaciones de Ordenadores" and the University Master "Digital Post Production". He was Vice-chair for the Europe/Africa Region of Cognitive Networks Technical Committee (IEEE Communications Society) for the term 2010-2012 and Vice-chair of the Internet Technical Committee (IEEE Communications Society and Internet society) for the term 2011-2013. He is Chair of the Internet Technical Committee (IEEE Communications Society and Internet society) for the term 2014-2015. He has led many local, regional, national and European projects. He is currently the chair of the Working Group of the Standard IEEE 1907.1. He has been involved in more than 350 Program committees of international conferences and in more than 130 organization and steering committees. He has been general chair (or co- chair) of 29 International workshops and conferences (chairman of SENSORCOMM 2007, UBICOMM 2008, ICNS 2009, ICWMC 2010, eKNOW 2012, SERVICE COMPUTATION 2013, COGNITIVE 2013, ADAPTIVE 2013, 12th AICT 2016, 11th ICIMP 2016 and 3rd

GREENETS 2016, and co-chairman of ICAS 2009, INTERNET 2010, MARSS 2011, IEEE MASS 2011, SCPA 2011, ICDS 2012, 2nd IEEE SCPA 2012, GreeNets 2012, 3rd IEEE SCPA 2013, SSPA 2013, AdHocNow 2014, MARSS 2014, SSPA 2014, IEEE CCAN 2015, 4th IEEE SCPA 2015, IEEE SCAN 2015, ICACCI 2015, 3rd SSPA 2015 and SDRANCAN 2015 and local chair of MIC-WCMC 2013 and IEEE Sensors 2014).

Honors and Awards:

He obtained the first place given by the Spanish Agency for Quality Assessment and Accreditation for the Campus of Excellence in the New Technologies and Applied Sciences Area in 2006. He was awarded the prize of the best doctoral Student in the Telecommunications area in 2006 according to the Social Council of the Polytechnic University of Valencia. In 2008, he was nominated as one of the best researchers in the world in the Telematics Engineering by the International Biographical Centre, of Cambridge, England.

Publications/Articles:

Scientific:

He has authored or co-authored (or are in press) more than 190 papers in international journals (130 of them have Journal Citation Report, JCR, Impact Factor) and he authored or co-authored more than 125 scientific papers in national and international conferences (many of them published by IEEE Press and Springer, and they are classified by the CORE list as type A, B or C). He has been the author or co-author of one research book and he has participated in 22 chapters of research books.

Educational:

He has authored or co-authored more than 50 papers on teaching methodologies in conferences and he has authored co-authored more than 10 papers in international journals of education. He has authored or co-authored in 11 teaching books and in 17 chapters about teaching methodologies in books.

He has been Conference Keynote Speaker, Plenary Speaker and Tutorial Speaker in National and International Conferences 12 times. He has served as a reviewer in more than 100 international conferences and 50 international journals and he had 7 papers awarded in international conferences.

Editor and Editorial Boards:

He is currently IARIA Journals Board Chair (with 8 International Journals). He is the editor in chief of the International Journal "Network Protocols and Algorithms" (ISSN: 1943-3581), "Ad Hoc & Sensor Wireless Networks" (Print ISSN: 1551-9899, online ISSN: 1552-0633), (JCR ISI Thomson: 0.435 (2014)), "International Journal of Multimedia Communications" (print ISSN: 2378-6507, online ISSN: 2378-6515) and the International Journal "Intelligent Communication Protocols and Algorithms". He has been a guest editor of several international journals and he is (or has been) associate editor or editorial board member of 46 international journals (some of them included in ISI Thomson journal list with JCR). He has been the co-editor of 34 conference proceedings and co-editor in 11 research books.

Research Projects:

He has been involved in several local, national and international research projects. He has been the main researcher in several of them. These are some of the main research projects where he has been involved:

- Intelligent multimedia services distribution using Software Defined adaptive cognitive networks.
- Intelligent system and control for water distribution
- Cognitive group-based collaborative sensor network for sensing and monitoring the water environment
- Underwater Wireless Sensors Communications at 2.4 GHz
- A QoE management system to improve the IPTV network
- A wireless communication system to gather information from the sensors placed in the buoys.
- Design Study for a Deep Sea Facility in the Mediterranean for Neutrino Astronomy and Associated Sciences.
- Fire detection and monitoring system using WLANs.
- Multimedia C4ISR to manage emergencies.
- Integration of a sensor network in a multimedia C4ISR to manage emergencies.
- Development and evaluation of Wavefield Synthesis techniques to play 3D sound in the MPEG-4 standard.
- Design and development of an optimum WLAN for video transmission for the Spreading project "Explora El Encín".
- Traffic monitoring system for Valencia's City.

He is co-author of one published patent and has two patents in the patenting process.

Master Thesis Students and PhD Students:

He has been the supervisor of 62 Degree Thesis, 5 Official Ms. Degree Thesis, 12 Polytechnic University of Valencia Master Thesis and 5 PhD Thesis. He is currently supervising of 9 PhD. Students.

Research and Educational Interests and achievements:

His main research has been focused on designing and developing network protocols and algorithms, especially on group-based topologies. These designs have been used in many environments including P2P networks, Ad-hoc and Sensor networks, Grids, Content Distribution Networks, Multimedia and Security.

One of his main contributions has been on indoor Wireless LANs issues (such as coverage designs and devices location), video and voice streaming and on the design of Wireless LANs for Video surveillance.

His academic interests are in collaborative and cooperative learning systems as well as in new educational approaches and strategies using new technologies.

Publications:

http://scholar.google.es/citations?user=ZJYUEGEAAAAJ
http://www.informatik.uni-trier.de/~ley/pers/hd/m/Mauri:Jaime_Lloret

Memberships:

He is IEEE Senior, IARIA Fellow, ACM Member. He is member of the Committee on Smart Grid Communications (SGCC), technical Ad-Hoc Committee on Cloud Communications & Networking (CloudComm), Technical Committee on Green Communications and Computing (TSCGCC), Group of Interest on QoE for Multimedia (QoEIG) of the IEEE Multimedia Communications Technical Committee (MCTC), and Member of the group of Experts on SDN/NFV of the European Commission.

More information about Jaime Lloret can be found at:
http://personales.gan.upv.es/jlloret/index_en.html