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A. Professional Preparation:

Florida International University, Miami, FL USA	Computer Science	B.S. 1983
Florida International University, Miami FL USA	Computer Science	M.S. 1995
Twente University, Enschede, Netherlands	International MIS	Ph.D. 2012

B. Appointments:

2014-Present	Adjunct Professor, School of Computer and Information Science, FIU
2008-Present	Assistant VP, Technology Augmented Research, CIARA
2005-2008	Executive Director, CIARA
2002-2005	Director, CIARA
1998-2002	Director, Network Engineering and Telecommunications
1994-1998	Associate Director, Department of Telecommunications

C. Products:

Bezerra, J., Ibarra, J., Schwarz, M., Freitas, H., Morgan, H., “Mitigating the Risks of Supporting Multiple Control Plans in a Production SDN Network: A Use Case”, In Anais do SBRC/WPEIF 2017, Belem, PA, Brazil, (p.34-37)

Galiza, H., Schwarz, M., Bezerra, J. and Ibarra, J., “Moving an IP network to SDN: a global use case deployment experience at AmLight”. Brazilian Symposium on Computer Networks and Distributed Systems (SBRC) Workshop on Future Internet Research and Experimentation (WPEIF), pages 15-18, Salvador Bahia Brazil, June 2016

Bezerra, J., Galiza, H., Ibarra, J. and Schwarz, M., “AmLight’s OpenFlow Sniffer dissected: Troubleshooting production networks”, Brazilian Symposium on Computer Networks and Distributed Systems (SBRC) Workshop on Future Internet Research and Experimentation (WPEIF), pages 33-36, Salvador Bahia Brazil, June 2016

J. Chung, J. Cox, J. Ibarra, J. Bezerra, H. Morgan, R. Clark, and H. Owen, “AtlanticWave-SDX: An International SDX to Support Science Data Applications”, Software Defined Networking (SDN) for Scientific Networking Workshop, Nov. 2015, pp. 1-7.

J. Ibarra, J. Bezerra, H. Morgan, D. A. Cox, III, M. Stanton, I. Machado, and E. Grizendi, “Benefits brought by the use of OpenFlow/SDN in the AmLight intercontinental research and education network”, IM 2015 - 14th IFIP/IEEE Symposium on Integrated Network and Service Management, Ottawa, Canada, 11-15 May, 2015

H. L. Alvarez, D. A. Cox, J. E. Ibarra, “Openwave: Collaboration Between Industry and Government”, Managing Critical Infrastructure in a Changing Natural and Socio-Economic Environment, 2014 ICPC Plenary Meeting, Dubai, 18-20 March, 2014

- C. Zhang, B. Liu, X. Su, H. Alvarez and J. Ibarra, "An Experimental Approach to Integrating NetFlow Flow-level Records and NLANR Packet-level Traces", Proceedings of the 2nd International Conference on Internet Monitoring and Protection (IEEE Computer Society Press), Silicon Valley, July 2007.
- H. Alvarez, D. Chatfield, D. Cox, E. Crumpler, C. DCunha, R. Gutierrez, J. Ibarra, E. Johnson, K. Kumar, T. Milledge, G. Narasimhan, M. Sadjadi, and C. Zhang, "Cyberbridges: A Model Collaboration Infrastructure for e-Science", Proceedings of the 7th IEEE International Symposium on Cluster Computing and the Grid (CCGrid), Rio de Janeiro, Brazil, May 2007.
- H. Alvarez, J. Ibarra, K. Kumar, C. Zhang, et. al., "CyberBridges: Integrating Advanced Grid Infrastructure with Science and Engineering", Proceedings of the TeraGrid Conference, Madison, Wisconsin, June 2007.
- E. Rubi, X. Su, I. Legrand, H. Alvarez, J. Ibarra, "Anatomy of an International Exchange Point: Distributed Network Monitoring Using MonALISA and NetFlow", InterWorking 2006 Conference, Santiago, Chile.
- H. Alvarez, J. Ibarra, "Experiences with the Digital Divide in Latin America", 2003 Round Table on Developing Countries Access to Scientific Knowledge, The Abdus Salam ICTP, Trieste, Italy, <http://www.ejds.org/meeting2003/>

D. Synergistic Activities:

1. Florida LambdaRail Board
2. Southeast Universities Research Association (SURA) IT Committee
3. Latin American University Research and Education Networks Foundation Board
4. South American Astronomy Coordination Committee (SAACC)