

# **Gustavo Vejarano**

**Graduate Program Director and Associate Professor of Electrical and Computer Engineering at Loyola Marymount University**

Los Angeles, CA, US

Seaver College of Science and Engineering

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## **Biography**

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<http://gvejaran.intemnets.lmu.build> Gustavo Vejarano is an Associate Professor in the Department of Electrical Engineering and Computer Science and Program Director of the Master of Science in Electrical Engineering at Loyola Marymount University. He earned his B.S. in electrical engineering at Universidad del Valle, Cali, Colombia in 2005 and his M.S. and Ph.D. in electrical and computer engineering at the University of Florida, Gainesville, FL in 2009 and 2011 respectively. In 2006, he worked for ZTE Corporation as engineer for the deployment of a city-wide cellular network. During his Ph.D., he conducted research on wireless communication networks at the Wireless and Mobile Systems Laboratory under Dr. Janise McNair's direction. Dr. Vejarano's research group at Loyola Marymount University is the Intelligent and Embedded Networks and Systems Laboratory (Intemnets Lab) where students conduct research under his direction on intelligent and embedded networked systems. Their research has been published in journals and conferences of the IEEE. Dr. Vejarano is the faculty advisor of the LMU Chapter of the Society of Hispanic and Professional Engineers, Councilor of the Engineering Division of the Council on Undergraduate Research, and Senior Member of the IEEE.

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## **Industry Expertise**

Education/Learning, Training and Development, Research

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## **Areas of Expertise**

Wireless Multihop Networks (Wmn), Cognitive Radios and Networking, Cross-Layer Design, Cyber-Physical Systems: adaptation mechanisms for WMNs to human activity and behavior, Self-Organized Communication Networks, Multimedia Communications

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## **Affiliations**

Institute of Electrical and Electronics Engineerings (IEEE) (2007-present), IEEE Communications Society (2009-present), IEEE Computer Society (2010-present), Association for Computing Machinery (ACM) (2009-present), Society of Hispanic Professional Engineers (SHPE) (2006-present), American Society for Engineering Education (ASEE) (2011-present), Council on Undergraduate Research (CUR) (2013-present), Grupo de Investigacion en Sistemas de Telecomunicaciones de la Universidad del Valle (SISTEL-UV) (2006-present), Heterodox Academy (HxA) (2017-present)

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## **Education**

**University of Florida**  
Ph.D. Electrical and Computer Engineering

**University of Florida**  
M.S. Electrical and Computer Engineering

**Universidad del Valle**  
B.S. Electrical Engineering

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