



## **Electrical Engineering Student Paper is Student Competition Winner**

**TAMPA, Fla. (April 4, 2012)** – Ibrahim Nassar, doctoral student in electrical engineering in the Center for Wireless and Microwave Information Systems, recently took top honors at the IMAPS International Microelectronics and Packaging Society 2012 3-D and Conformable Printed Electronics Packaging Workshop, held in El Paso.

Ibrahim’s paper titled “An Electrically-small, 3-D Cube Antenna Fabricated with Additive Manufacturing” was co-authored with his major professor, Tom Weller, chair of the Electrical Engineering Dept. Additive manufacturing is a green technology that minimizes material waste and is widely viewed as a key component of the nation’s future in manufacturing innovation. Ibrahim received a \$1,000 prize with his award.

IMAPS produces numerous publications workshops, international conferences, professional development courses, and exhibitions that bring together the entire microelectronics supply chain. With over 8,000 members, it is the largest international society dedicated to the advancement and growth of microelectronics and electronics packaging technologies.

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*The University of South Florida is a high-impact, global research university dedicated to student success. USF is classified by the Carnegie Foundation for the Advancement of Teaching in the top tier of research universities, a distinction attained by only 2.2 percent of all universities. The Carnegie Foundation also classifies USF as a community engaged university. It is ranked 44th in total research expenditures and 34th in federal research expenditures for public universities by the National Science Foundation. The USF System has an annual budget of \$1.5 billion, an annual economic impact of \$3.7 billion, and serves 47,000 students in Tampa, St. Petersburg, Sarasota-Manatee and Lakeland.*