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USF spin-out Modelithics celebrates 11 years of success

Company has helped develop Tampa Bay workforce while becoming a market leader

TAMPA, Fla. (May 30, 2012) – When University of South Florida (USF) researchers Lawrence Dunleavy and Thomas Weller founded Modelithics Inc. in 2001, they hoped that the company would grow into a market leader in measurement-based modeling of radio frequency and microwave components and semiconductor devices.

Now, eleven years later, the USF spin-out company has done just that and continues to expand by producing new products for component manufacturers and product designers in the wireless/microwave and optical technology sectors. Dunleavy and Weller attribute the company's symbiotic relationship with the university an important aspect of Modelithics' success.

"This relationship has provided a high-skilled and flexible work-force to Modelithics," said Dunleavy. "While Modelithics, with assistance from the Florida High Tech Corridor Council matching grants program, has provided internship grant funding and first-job opportunities for approximately sixty engineering and business students."

Modelithics Inc. provides high accuracy RF and microwave active and passive simulation models for use in electronic design automation (EDA). The company produces highly scalable and accurate model libraries for a growing number of components and integrated circuits from various manufacturers, ranging from passive components to non-linear diode, to transistor models, and system-level components.

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USF CONNECT (usfconnect.org) focuses on the needs of Tampa Bay's technology and bio/life sciences entrepreneurs throughout the business life cycle, providing the facilities, partners and resources for successful business development. USF CONNECT offers access to technologies, workforce programs, technology commercialization, critical research equipment, and incubator facilities, adding value and delivering targeted, high level expertise to its member businesses.

The Tampa Bay Technology Incubator (TBTI) (.research.usf.edu/rf/tbti.asp) is one vehicle through which USF CONNECT grows successful companies. TBTI supports technology research as a catalyst for economic development and advocates the creation and development of facilities for high-technology companies and related support functions.

The University of South Florida (usf.edu) 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. It ranks 50th in the nation for federal expenditures in research and total expenditures in research among all U.S. universities, public or private, according to 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.

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