

Professor Sagüés Receives NACE Technical Achievement Award



Tampa, Fla. (February 25, 2010) – Dr. Alberto Sagüés, PE and distinguished university professor of civil and environmental engineering, will receive a 2010 Technical Achievement Award from the National Association of Corrosion Engineers (NACE) International for his work in corrosion engineering.

For the last 25 years, Dr. Sagüés has conducted research in the area of corrosion and durability of infrastructure engineering materials. In particular, he has made numerous contributions to the detection, control and forecasting of corrosion of steel in concrete, assisting in extending the service life of the vast inventory of bridges which constitute a major public investment in the State of Florida and nationwide. Dr. Sagüés makes extensive use of electrochemical assessment techniques which he has applied also to nondestructive evaluation of interfaces and nanoporous materials. Previous research by Dr. Sagüés addressed the corrosion and environmental interaction of engineering alloys in advanced coal and nuclear energy technologies, as well as fundamental physical metallurgy problems.

Appointed by President Clinton, he also served for several years as member of the U.S. Nuclear Waste Technical Review Board evaluating the technical basis for the Department of Energy's research on containment of high level nuclear waste. As a board member, Dr. Sagüés promoted the cause of advanced corrosion research to improve materials performance forecasts over extremely long service periods. Dr. Sagüés has authored 200 publications in technical literature and three U.S. patents, and has directed to completion the work of over 30 M.S. and Ph.D. engineering students.

“When I joined the University of South Florida 25 years ago, I felt its great potential,” says Sagüés. “I am very glad to see it realized in my own experience, and manifested by this recognition by a major national professional society. I also would like to express my appreciation to my students, colleagues and family for their continuing support.”

The award recognizes technical achievement in corrosion engineering. The achievement must have had significant impact on the practice of corrosion control or the enhancement of the profession of corrosion engineering. Dr. Sagüés will be formally presented the award March 17 at the NACE annual meeting in San Antonio, Texas.

Professor Sagüés received his doctorate in metallurgy from Case Western Reserve University and also holds a joint faculty appointment with the Department of Chemical and Biomedical Engineering.

NACE International is the leader in the corrosion engineering and science community, and is recognized around the world as the premier authority for corrosion control solutions.

The University of South Florida is one of the nation's top 63 public research universities and one of only 25 public research universities nationwide with very high research activity that is designated as community engaged by the Carnegie Foundation for the Advancement of Teaching. USF was awarded \$380.4 million in research contracts and grants in FY 2008/2009. The university offers 232 degree programs at the undergraduate, graduate, specialist and doctoral levels, including the doctor of medicine. The USF System has a \$1.8 billion annual budget, an annual economic impact of \$3.2 billion, and serves more than 47,000 students on institutions/campuses in Tampa, St. Petersburg, Sarasota-Manatee and Lakeland. USF is a member of the Big East Athletic Conference.

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