

Ierapetritou Wins CAST Division Award

CACHE President and Department Chair at Rutgers University, Marianthi Ierapetritou, has been awarded the 2016 Computing in Chemical Engineering Award. Marianthi will deliver an address at the CAST Division dinner at the AIChE Annual Meeting in November and will write a feature article for an upcoming edition of the CAST Division Newsletter.

Previous award recipients (of the past 20 years) have included Mark Stadtherr, Jim Rawlings, Larry Biegler, Christos Georgakis, Manfred Morari, LT Fan, R Taylor, Frank Doyle, Chris Floudas, Eric Ydstie, Yannis Kevrekidis, Venkat Venkatasubramanian, Nikos Sahinidis, Paul Barton, Stratos Pistikopoulos, Jay Lee, Richard Braatz, and Rafi Gani. Marianthi Ierapetritou is the first woman recipient of this prestigious award.



Ierapetritou was also elected to the 2016 AIChE Fellow class. AIChE is the world's leading organization for chemical engineering professionals, with more than 45,000 members from more than 90 countries. Fellows are elite members of the institute who have practiced chemical engineering for more than 25 years and made significant contributions to the profession.

Tom Edgar, Executive Director of CACHE and Professor of Chemical Engineering at the University of Texas at Austin, stated, "Marianthi has achieved great productivity in research, teaching, and service over the course of her career. She is a leader in the process systems community, and I know my colleagues in the systems area applaud her in her achievements."

Ierapetritou has written a number of significant papers addressing fundamental challenges of simulation, control, and numerical methods. Her work focuses on the application of modern systems engineering to a wide variety of difficult industrial problems, including drug tablet production, bio informatics, metabolic networks, and reactive flows. Ierapetritou has been an active participant in and leader of professional groups, serving as Chair of the CAST Division in AIChE and currently serving as President of CACHE. She has also chaired several major research conferences and workshops sponsored by AIChE CAST Division (FOCAPO) and NSF.