

New CACHE Trustees Elected
Marianthi Ierapetritou



Jeffrey R. Errington is a Professor within the Department of Chemical and Biological Engineering at the University at Buffalo. He also serves as the Associate Dean for Undergraduate Education within the School of Engineering and Applied Sciences. He received his B.S. in Chemical Engineering in 1995 from the University at Buffalo, his Ph.D. in Chemical Engineering from Cornell University in 1999, and subsequently spent 1999–2001 in the Department of Chemical Engineering at Princeton University as a post-doctoral fellow. Prof. Errington’s research group focuses on the development and application of atomistic molecular simulation methods to study the phase and interfacial behaviors of complex fluids. Current projects focus on the prediction of interfacial properties associated with carbon dioxide sequestration, understanding wetting phenomena related to enhanced oil recovery, and probing the phase and interfacial behaviors of room temperature ionic liquids. His group is also active in the development of free-energy-based molecular simulation methods for computing the interfacial properties of model systems. Prof. Errington is the recipient of the NSF CAREER Award (2003), the NYSTAR James D. Watson Investigator Award (2004), the CoMSEF Impact Award (2013), and the UB Exceptional Scholar Award (Young Investigator, 2005; Sustained Achievement, 2014). He is a member of the American Chemical Society and a senior member of the American Institute of Chemical Engineers, where he serves as the Vice-Chair of the Computational Molecular Science and Engineering Forum (CoMSEF).



Juergen Hahn is the department head of the Department of Biomedical Engineering at Rensselaer Polytechnic Institute in addition to holding an appoint in the Department of Chemical & Biological Engineering. He received his Diploma degree in engineering from RWTH Aachen, Germany, in 1997, and his MS and Ph.D. degrees in chemical engineering from the University of Texas, Austin, in 1998 and 2002, respectively. He was a post-doctoral researcher at the Chair for Process Systems Engineering at RWTH Aachen, Germany, before joining the Department of Chemical Engineering at Texas A&M University, College Station, in 2003 and moving to the Rensselaer Polytechnic Institute in 2012. His research interests include systems biology and process modeling and analysis with over 80 articles and book chapters in print. Dr. Hahn is a recipient of a Fulbright scholarship (1995/96), received the Best Referee Award for 2004 from the Journal of Process Control, the CPC 7 Outstanding Contributed Paper Award in 2006, was named Outstanding Reviewer by the journal Automatica in 2005, 2006, 2007, and 2010 CAST Outstanding Young Researcher, and has been elected as an AIMBE fellow in 2013. He is currently serving as editor of the Journal of Process Control and as associate editor for the journal Control Engineering Practice.



Mario Eden is the Department Chair and Joe T. and Billie Carole McMillan Professor in the Department of Chemical Engineering at Auburn University. Dr. Eden is also the Director of an NSF-IGERT Program of Integrated Biorefining and the Acting Director of the Alabama Center for Paper and Bioresource Engineering. His areas of expertise include process design, integration and optimization, as well as molecular synthesis and product design. His group focuses on the development of systematic methodologies for process and product synthesis, design, integration, and optimization. He received his M.Sc. and Ph.D. degrees in Chemical Engineering from the Technical University of Denmark in 1999 and 2003, respectively. Dr. Eden's research has generated 1 edited book, 92 refereed papers/book chapters, and 300 presentations at national and international meetings, including 40 invited seminars and keynote lectures. Dr.

Eden is the recipient of several research and teaching awards including the National Science Foundation CAREER Award (2006), the Fred. H. Pumphrey Teaching Award for Excellence (2009 and 2011), Outstanding Faculty member in the Department of Chemical Engineering (2009, 2011, 2013, and 2014), the Auburn Engineering Alumni Council Senior Faculty Research Award (2012), and the William F. Walker Merit Teaching Award (2014). At the 2009 Foundations of Computer Aided Process Design (FOCAPD), he was honored with the Best Faculty Contribution Award. Dr. Eden was selected to participate in the 2010 National Academy of Engineering Frontiers of Engineering Education Symposium, and was recently awarded the 2014 AIChE Computing and Systems Technology (CAST) Division Outstanding Young Researcher Award. He has been an active member of the process systems engineering community for almost 15 years. He has organized, chaired, and presented in numerous sessions and conferences, including ESCAPE and PSE symposium series, AIChE meetings, and co-chaired the 2014 Foundations of Computer Aided Process Design (FOCAPD) conference. Dr. Eden was recently elected Director of the CAST Division of AIChE and serves on the editorial boards for Chemical Process and Product Modeling and the Journal of Engineering; the International Peer Review College for the Danish Council for Strategic Research; the advisory board for the Computer Aided Process Engineering Center (CAPEC-PROCESS), and is a member of the International Energy Agency Annex IX on Energy Efficient Separation Systems.