

Alessandro Veneziani – Emory University, USA

Talk title	Clinical Cardiovascular Mathematics between Models and Data: the (Fundamental) Role of Computational Mechanics
Biography	<p>Alessandro Veneziani is Full Professor of Mathematics at Emory University (Atlanta, GA, USA). He graduated (MSc) in Electronic Engineering at the Politecnico di Milano, Italy and got the Ph.D. in applied mathematics at the University of Milan. He was Assistant Professor at the University of Verona, Associate Professor at the Politecnico di Milano. He also collaborated with the University of Bergamo and the School of Advanced Studies in Pavia.</p> <p>He has been working for 25 years in the field of mathematical and numerical modeling of blood flow problems. Recently, he focused specifically on data assimilation procedures in clinical practice and numerical methods for the therapy of cardiovascular diseases, in collaboration with the Emory University Hospital. He is also a co-founder and the Chief Scientific Officer of COVANOS, Inc. with Don Giddens, Habib Samady and Russell Medford.</p> <p>He published about 85 peer-reviewed papers, one textbook, several book chapters, conference proceedings and co-edited two books on Cardiovascular Mathematics. He was the recipient of the SIAM Outstanding Paper Prize 2004, the International Sacchi-Landriani Prize in 2007, the ACM Most Notable Paper mention in 2014. His research has been supported by the National Science Foundation, Emory, Siemens, Abbott, and the Brain Aneurysm Foundation</p>