



**IEEE Madras Section  
IEEE Computer Society, Madras Chapter  
IEEE Communications Society, Madras Chapter  
SSN College of Engineering**

*Cordially invite you to a presentation on*  
**“Making the Invisible Visible”**

*by*

**Dr. Srinivas Ramaswamy**

**Software Technology Manager  
ABB Inc., Cleveland/Akron, Ohio Area, USA**

**on Saturday, 14<sup>th</sup> Oct 2017 at 11.00 a.m.**

*at*

**Conference Hall  
Career Development Center  
SSN College of Engineering  
Rajiv Gandhi Salai (OMR), Kalavakkam – 603110**

**About the Presentation:** This presentation will focus on embracing technological disruptions and simultaneously delivering meaningful marketable products while also developing innate career satisfaction. The rapid convergence of technologies have led to significant problems involving diverse software and systems' solutions. Most of these problems stem from the inherent flexibility that users' actively expect from such software-integrated systems; which are increasingly becoming sophisticated, yet need some 'humane' aspects to be demonstrated as well. In this talk, we will take a multi-stakeholder perspective to the design of such cyber-physical systems and zero-in on needed prioritizations that bring together these different perspectives for delivering meaningful solutions and experiences.



**About the Speaker:** Dr. Srinivas Ramaswamy, currently is the Global Software Technology Manager for Power Generation business unit and a member of the global R&D at ABB Inc., USA. He is specifically responsible for the adoption of new architectural and design principles / standards in building maintainable and evolvable software solutions across multiple software product portfolios. He is an honorary adjunct professor at the University of Arkansas at Little Rock and at the University of Dubai.

Before embarking on a corporate career, he was in academia for 16 years, which included several invited visiting appointments: at INSA de Rouen, France (4X), at the Institute of Software Integrated Systems (ISIS) at Vanderbilt University (3X), and at the University of Texas at Austin (3X).

Dr. Ramaswamy has over 250 publications including 150+ peer reviewed publications (35+ journals), 60+ selected reviews on ACM Computing Surveys, 4 book chapters and 5 patent filings. Dr. Ramaswamy has actively advised and participated in 12 PhD dissertations (USA: 7, France: 3, India: 2) and 50+ M.S student works in Computer Science, Applied Sciences, Electrical and Computer Engineering, Industrial and Manufacturing Engineering and Information Systems. He has a Ph.D. degree in Computer Science from the University of Louisiana at Lafayette.

On the professional front, he served as a commissioner in the CAC commission of ABET and served on its ExCom. He is a Senior member of the IEEE and ACM, and a life member of the India Science Congress Association. He also serves on the IEEE CS Educational Activities board's trycomputing initiative (<http://trycomputing.org>). Dr. Ramaswamy served as a Vice-chair in IEEE Computer Society India Council, ExCom committee member of the IEEE Bangalore Chapter, IEEE Computer Society alternate representative director to the Computing Sciences Accreditation Board. He is an active member of IEEE SMCS Technical Committee on Distributed Intelligent Systems and served as an Associate Editor (2008-2012) for the IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews.