Lakshmish Ramaswamy

Bio Sketch
Lakshmish Ramaswamy is a Professor of Computer Science at the University of Georgia. There, he leads the Data Intensive Pervasive Systems (DIPS) lab. He is also the Associate Director of the Georgia Informatics Institutes for Research and Education. His research interests include distributed systems, big data, pervasive computing, and sustainability and health informatics. Dr. Ramaswamy has published more than 80 papers in peer-reviewed journals and conferences. He received the best paper awards at the 2004 International World Wide Web Conference (WWW-2004) and the 18th International Conference on Cooperative Information Systems (CoopIS-2010). He is also a recipient of the 2005 Pat Goldberg best paper award from IBM research. Dr. Ramaswamy currently serves on the editorial boards of the IEEE Transactions on Services Computing and the International Journal of Services Computing. Dr. Ramaswamy has served on the program committees of numerous conferences in the areas of distributed systems, world wide web, big data, collaborative computing, and cloud computing. He has served as the Co-PC chair of CollaborateCom-2012 and as a vice track chair of IEEE Cloud-2015. Dr. Ramaswamy’s research is primarily sponsored by NSF and Accenture Research Lab. Dr. Ramaswamy obtained a PhD in Computer Science from Georgia Institute of Technology and a MS in CS from the Indian Institute of Science, Bangalore. He is a member of the IEEE.

Position Statement
My vision for the TCI is to grow it into a vibrant, broad-based, and diverse committee that will help catalyze and promote next-generation of Internet-enabled technologies in many application domains including science, engineering, health, business and humanities.

During the past few years, due to the sustained efforts of the past and the outgoing chairs, TCI has made significant strides in terms of conference and workshop ownerships and membership. In addition, considerable efforts have been made to work with other related communities. If elected as chair I will work hard to build upon these successes. In particular, I will focus on the following: (1) Broaden the scope of TCI by including new and important areas. For example, I firmly believe that Internet of Things (IoT) will not only revolutionize internet computing but will also result in disruptive innovations in wide variety of domains. Since some of these areas are in nascent stages, TCI has the opportunity to nurture and shape their growth. Towards this end, I will work with the TCI community to identify a conference that spans these areas and nurture it as the flagship conference of the TCI community. (2) Using the flagship conference as a springboard, I would like to re-build the TCI community, improve its visibility and enhance its membership by making concerted efforts to bring in younger professionals (many of whom may not have started their professional careers or education when the Internet computing revolution was unfolding). This will require working with newer initiatives such as NSF Smart and Connected Communities, Big Data, etc. (3) It will be my endeavor to increase diversity in TCI by interacting with groups such as IEEE Special Technical Committee on Broadening participation, IEEE Women in Engineering and iaamcs (Institute for African-American Mentoring in CS), and by working with the organizers of TCI-associated conferences to provide travel grants to women and minority students to encourage participation. (4) Internet has been one of the primary enablers of globalized societies. Thus, it is imperative for TCI to lead global efforts to address important challenges of current times. This will require building collaborations with various regions of the world (including Asia-pacific, Latin-America, Africa and Europe). I would like to initiate and enhance these collaborative partnerships.

If elected as TCI chair, I will work enthusiastically to help TCI achieve the above goals. I seek the support of the TCI community in this exciting endeavor. Thank you very much for your consideration.