

## **Title: Future Wireless Communication Era**

**Abstract:** This plenary talk will be an attempt to predict how the wireless technologies are likely to evolve over time, in an about 34 years' time. The talk presents the visionary ideas to predict the future of wireless communications and enabling technologies in 2050 and beyond. It will combine a wealth of illustrations, tables, business models, and novel approaches to the evolution of wireless communications.

This talk will also provide glimpses into the future of emerging technologies, end-to-end systems, and entrepreneurial & business models, broadening audiences' understanding of potential future advances in the field, and their influences on society at large.

### **Biography:**

Dr. Ramjee Prasad is a Professor in Multi Business Model and Technology Innovation in the School of Business and Social Sciences, Aarhus University, Denmark. He is the Founder President of the CTIF Global Capsule (CGC). He has been a Founder Director of Center for Teleinfrastruktur (CTIF), Aalborg University, Denmark, since 2004. He is also the Founder Chairman of the Global ICT Standardisation Forum for India, established in 2009. GISFI has the purpose of increasing of the collaboration between European, Indian, Japanese, North-American and other worldwide standardization activities in the area of Information and Communication Technology (ICT) and related application areas.

He has been honored by the University of Rome "Tor Vergata", Italy as a Distinguished Professor of the Department of Clinical Sciences and Translational Medicine on March 15, 2016. He is Honorary Professor of University of Cape Town, South Africa, and University of KwaZulu-Natal, South Africa.

He was the Founder Chairman of the HERMES Partnership – a network of leading independent European research centres established in 1997, of which he is now the Honorary Chair. He is a Fellow of IEEE (USA), IETE (India), IET (UK), Wireless World Research Forum (WWRF) and a member of the Netherlands Electronics and Radio Society (NERG), and the Danish Engineering Society (IDA).

He has received Ridderkorset af Dannebrogordenen (Knight of the Dannebrog) in 2010 from the Danish Queen for the internationalization of top-class telecommunication research and education.

He has received several international awards such as: IEEE Communications Society Wireless Communications Technical Committee Recognition Award in 2003 for making contribution in the field of "Personal, Wireless and Mobile Systems and

Networks”, Telenor's Research Award in 2005 for impressive merits, both academic and organizational within the field of wireless and personal communication, 2014 IEEE AESS Outstanding Organizational Leadership Award for: “Organizational Leadership in developing and globalizing the CTIF (Center for TeleInfrastruktur) Research Network”, and so on.

He is the Founder Editor-in-Chief of the Springer International Journal on Wireless Personal Communications. He is a member of the editorial board of other renowned international journals including those of River Publishers. Ramjee Prasad is Founder Co-Chair of the Steering committees of many renowned annual international conferences, e.g., Wireless Personal Multimedia Communications Symposium (WPMC); Wireless VITAE and Global Wireless Summit (GWS).

He has published more than 30 books, 1000 plus journal and conference publications, more than 15 patents, over 100 PhD Graduates and larger number of Masters (over 250). Several of his students are today worldwide telecommunication leaders themselves.