



## IEEE Miami Section Invited Webinar Announcement

### **“Career Path: From Researcher to Entrepreneur and Beyond”**

**Speaker:** Dr. C. J. Reddy

**Date:** May 4, 2021 @ 1 pm

**Zoom Link:** <https://fiu.zoom.us/j/91996760552?pwd=UFEyd0xPY0ZRUUUs1emJlRllMOGplZz09>

Meeting ID: 919 9676 0552

Passcode: hNS22e

#### **Abstract:**

Most industry careers in antenna engineering start with a researcher position and then develop into a managerial role. Initial research work could start with a master's/doctoral degree thesis, followed by a design/application engineering job in industry. Success in a research capacity is expected to lead to a managerial role. In this talk, I examine my own career path, which took me from research, to entrepreneurial, and to management positions. My research career began when I was a doctoral student in India and continued with postdoctoral fellowships in Canada and the United States. Then, I ended up leading two start-up companies, one of which was acquired by a larger multinational company, where I am currently leading business development activities in the Americas. While most of my career was not planned, my experience could probably help those starting their work in industry to plan theirs. This talk will be based on the article published in April 2021 issue of IEEE Antennas and Propagation Magazine (<https://ieeexplore.ieee.org/document/9392848>).



#### **Speaker's Bio**

Dr. C.J. Reddy is Vice President, Business Development-Electromagnetics for Americas at Altair Engineering, Inc. ([www.altair.com](http://www.altair.com)). Dr. Reddy received his B.Tech. degree in Electronics and Communication Engineering (ECE) from Regional Engineering College, Warangal, India, M.Tech. and Ph.D. degrees in Electrical Engineering from Indian Institute of Technology, Kharagpur, India. He worked as Scientific Office at SAMEER (Society for Microwave Electronics Engineering and Research), Mumbai during 1987-1991. Dr. Reddy was awarded the Natural Sciences and Engineering Research Council (NSERC) of Canada Visiting Fellowship to work at Communications Research Center in Ottawa during 1991-1993 and was awarded the US National Research Council (NRC) Resident Research Associateship in 1993 to work at NASA Langley Research Center in Hampton, Virginia. He also worked as Research Professor at Hampton University from 1995 to 2000. Dr. Reddy was the President of Applied EM, Inc (2000-2017) where he led several Phase I and Phase II SBIR projects for the DoD and NASA. He was also the President of EM Software & Systems (USA) Inc (2002-2014) and led the marketing of the EM Simulation tool, Feko in North America. EM Software & Systems (USA) Inc was acquired by Altair in 2014.

Dr. Reddy is a Fellow of IEEE, Fellow of ACES (Applied Computational Electromagnetics Society) and Fellow of AMTA (Antenna Measurement Techniques Association). Dr. Reddy served on ACES Board of Directors from 2006 to 2012 and again from 2015 to 2018. Dr. Reddy was awarded Distinguished Alumni Professional Achievement Award by his alma mater, National Institute of Technology (NIT), Warangal, India in 2015. He published 37 journal papers, 77 conference papers and 18 NASA Technical Reports to date. Dr. Reddy is a co-author of the book, “Antenna Analysis and Design Using FEKO Electromagnetic Simulation Software,” published in June 2014 by SciTech Publishing (now part of IET). Dr. Reddy is serving as an Associate Editor for the newly introduced, IEEE Open Journal of Antennas and Propagation. He is appointed by IEEE Board of Directors to the position of IEEE Fellow Committee Member for the term 2020-2021. He is also serving as the chair of Young Professionals Committee of IEEE Antennas and Propagation Society. Dr. Reddy is elected as a member of AMTA Board of Directors for a three-year term starting Jan 2020 and is the Technical Coordinator for AMTA 2020 and AMTA 2021 Conferences.

#### **For more information, please contact:**

Professor Osama Mohammed, Vice Chair of IEEE Miami Section, [mohammed@fiu.edu](mailto:mohammed@fiu.edu)

Hassan Eldeeb, Secretary of IEEE Miami Section, [helde002@fiu.edu](mailto:helde002@fiu.edu)

Alejandro Aguilera, Webmaster of IEEE Miami Section, [aaguiler@fiu.edu](mailto:aaguiler@fiu.edu)