Ruchir Puri

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Biography

Ruchir Puri is an IBM Fellow at IBM Thomas J Watson Research Center, Yorktown Heights, NY where he leads high performance design and methodology solutions for all of IBM's enterprise server and system chip designs. Most recently, he led the design methodology innovations for IBM's latest Power8 and zEnterprise microprocessors and is currently leading design methodology research efforts on future processors. Dr. Puri has received numerous accolades including the highest technical position at IBM, the IBM Fellow, which was awarded for his transformational role in microprocessor design methodology. He is a member of IBM Academy of Technology and is an IBM Master Inventor. In addition, he has received "Best of IBM" awards in both 2011 and 2012 and IBM Corporate Award from IBM's CEO, and several IBM Outstanding Technical & Innovation Achievement awards.

In 2007, Dr. Ruchir Puri was elected as Fellow of the IEEE for pioneering contributions to automated logic and physical design of electronic circuits. He is also an ACM Distinguished Speaker and has been an IEEE Distinguished Lecturer. Dr. Puri is a recipient of Semiconductor Research Corporation (SRC) Mehboob Khan outstanding mentor award and has been an adjunct professor at Dept. of Electrical Engineering, Columbia University, NY. In 2011, he was honored with John Von-Neumann Chair at Institute of Discrete Mathematics at Bonn University, Germany for his scientific contributions and its impact on broader society. He has delivered numerous keynotes and invited talks at major VLSI Design and Automation conferences, National Science Foundation and US Department of Defense Research panels and has been an editor of IEEE Transactions on Circuits and Systems. Ruchir is an inventor of over 50 U.S. patents (both issued and pending) and has authored over 120 publications on the automated design of low-power and high-performance circuits with several Best Paper awards. He received a Bachelor degree in Electronics & Communication Engineering from National Institute of Technology, Kurukshetra, India in 1988, a Masters degree in Electrical Engineering from Indian Institute of Technology, Kanpur, India in 1990, and a Ph.D degree in Electrical & Computer Engineering from University of Calgary, Alberta, Canada in 1994.

Ruchir is very passionate about technology education (STEM) among school children and has been evangelizing fun with electronics and FIRST Robotics League in community schools. As a robotics coach, he considers the New York state championship win of his first timer 6th grade middle school team to reach 2013 FIRST Robotics world championship, one of the most treasured moments.