Bio-Sketch of K. Giridhar

K. Giridhar is a Professor at the Indian Institute of
Technology Madras(www.iitm.ac.in), Chennai.
He studied BSc (Applied Sciences) at PSG College of Technology,
Coimbatore, ME (Electrical Communications) at Indian Institute
of Science, Bangalore, and received a PhD (Electrical
Engineering) from University of California, Santa Barbara.
Between 1989-90, he was a member of research staff at
CRL, Bharat Electronics, Bangalore, and between 1993-94, was a
research affiliate in Electrical Engineering at Stanford
University, California. Since 1994, he has been with
the Department of Electrical Engineering at IIT Madras.

His research interests are broadly in the areas of adaptive
signal processing and wireless communications systems,
with an emphasis on various transceiver algorithms, custom
air-interface design for strategic communications, and more
recently, on non-orthognal spectrum sharing for broadband
wireless access.

Giridhar is a member of the Telecommunications and Computer
Networks (TeNeT) Group (www.tenet.res.in) at IITM.
He actively collaborates with the Center of Excellence in Wireless
Technology (www.cewit.org.in) on cellular broadband access
research, resulting in several contributions to IEEE 802.16m, and
currently on proposals to LTE-A and IMT-2020.

He serves as a consultant to many telecom companies in
India, and was on a sabbatical in 2004-05 with Beceem Communications.
Giridhar has been a visiting faculty at Sri Sathya Sai Institute of
Higher Learning, Prasanthi Nilayam, and at Stanford University.