



The Engineering Institute of Canada

Fellow Citation 2002

Dr. Wayne D. Grover - A Member of the Institute of Electrical and Electronics Engineers

Dr. Grover obtained his Bachelor degree from Carleton University, a Masters from the University of Essex in England, and a PhD from the University of Alberta, in electrical engineering. He is now a professor of electrical and computer engineering at the University of Alberta.

He was a teacher at Carleton University in the early 1980's and employed by Bell Northern Research Labs over a decade or so encompassing this period. He then helped develop TR Labs as a member of the senior management team while also being an Associate Professor at the University of Alberta. TR Labs is a non-profit Industry – University consortium that has to date benefited nearly 600 students.

Dr. Grover is known as an inventor, researcher and educator in telecommunications R and D, and is internationally recognized as a leading expert in survivable broadband networks. He has 26 patents, well over 120 journal and conference papers, and a book in press.

Professor Grover is perhaps most widely known for his vision of “self-healing” mesh networks, and has been an indefatigable champion of this networking option. His persistence and advocacy is apparently quite legendary, and we all know what can happen when the human qualities of persistence and determination are brought to bear on difficult problems. Dr. Grover is increasingly cited now for his unique contributions to this area of networking. For example, he recently won the W.R.G. Baker prize of the IEEE for the most outstanding paper and original research for Self Organizing Broadband Transport Networks.

Dr. Grover has a number of other prestigious awards both within the IEEE and from a variety of institutions ranging from the Professional Engineers of Ontario to NSERC, and a number of universities. His research and work is valued not only by the educational fraternity but also industry.

Professor Grover is truly one of the outstanding individuals within the IEEE, and they have made a very correct choice in recommending him for a fellowship in the EIC. Accordingly,

Mr. President, may I present as Fellow of the Engineering Institute of Canada – Professor Wayne D. Grover

