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Brief Bio

Dr. Agrawala is a Professor of Computer Science and Electrical and Computer Engineering at the University of Maryland. In 2001, he started the Maryland Information and Network Dynamics (MIND) Lab which carries out research and development activities in partnership with the industry. In 2007 He started the MAXWell Lab which is the only WiMAX Forum Applications Lab in the Western Hemisphere. This Lab is dedicated to the study of 4G technologies including WiMAX, and to the development and evaluation of applications for such network. He received a BE degree and a ME from the I.I.Sc, Bangalore; and a Master of Arts and a Ph.D. degree from Harvard University in 1970. Prof. Agrawala is the author of seven books, 6 patents and over 240 papers and is a well recognized for his contributions in distributed systems, real-time systems, computer networks, system performance, and wireless systems. He has developed location determination techniques which give highly accurate location without using GPS. He has developed applications such as MyeVyu aimed at providing context-aware information to the University community, and M-Urgency, a public safety application providing the 911 dispatchers with video and audio from the incident scene which they can then forward to the responders. The M-Urgency technology has been deployed on the campus of the University of Maryland and was awarded the Technology Innovation of the Year 2012 award by NOBLE (National Organization of Black Law Enforcement Executives). It also received VITA Samaritan Award 2012 from the Wireless Foundation of CTIA. The technologies developed in the MIND lab have resulted in 4 startup companies in Maryland. Prof. Agrawala is a Fellow of the IEEE and AAAS, and Senior Member of the ACM.