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IEEE Aerospace & Electronic Systems Society (AEES)

Distinguished Lecture

Multi-Sensor Data Fusion

Prof. Varshney, Syracuse University, USA

Date: Feb. 20, 2006

Time: 9:30 am, EST

Location: Davis Center 1304, University of Waterloo

Abstract: This talk will present an overview of the exciting field of data and information fusion. It can be applied to many areas both in military as well as in non-military applications. Some examples will be given for illustration. Distributed detection and decision fusion will be treated in some depth. The talk will end with a brief discussion on some of my ongoing research projects in the general areas of sensor networks and signal/image processing.

Pramod Varshney: Prof. Pramod K. Varshney received the B.S. degree in electrical engineering and computer science (with highest honors), and the M.S. and Ph.D. degrees in electrical engineering from the University of Illinois at Urbana-Champaign in 1972, 1974, and 1976 respectively. Since 1976 he has been with Syracuse University, Syracuse, NY where he is currently a Professor of Electrical Engineering and Computer Science and the Research Director of the New York State Center for Advanced Technology in Computer Applications and Software Engineering. He is an IEEE Fellow. In 2000, he received the Third Millennium Medal from the IEEE and Chancellor's Citation for exceptional academic achievement at Syracuse University. He was the President of International Society of Information Fusion during 2001. His current research interests are in distributed sensor networks and data fusion, detection and estimation theory, wireless communications, image processing, radar signal processing and remote sensing.

Invited by Dr. Zhen (Jack) Ding, Dr. Reza Dizaji

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