

Prof. Ramesh Jain's talk:

Title: EventWeb: Research and Entrepreneurial Opportunities

Abstract: The Web has changed the way we live, work, and socialize. The nodes in the current Web are documents and hence the current WWW is a Document Web. Advances in technology and requirements of emerging applications require formation of a parallel and closely connected Web of events, the EventWeb, in which each node is an event. EventWeb is essential for extending the reach of current WWW from only Cyberspace to the real physical world. Emerging applications of information systems increasingly contain vast amount of multimedia and sensory data and require more holistic pictures of evolving situations. In this presentation we explore growth of EventWeb as a natural next step in the evolution of the Web with rich multimodal sensory information. We will discuss two research projects in this area.

Biography: Ramesh Jain is an educator, researcher, and entrepreneur.

Currently he is the Donald Bren Professor in Information & Computer Sciences at University of California, Irvine. He is also a distinguished visiting professor at National University of Singapore. Earlier he served on faculty of Georgia Tech (Farmer Chaired Professor), University of California at San Diego (Founder of Visual Computing Laboratory), The university of Michigan, Ann Arbor (Founding Director of Michigan's Artificial Intelligence Lab), Wayne State University, and Indian Institute of Technology, Kharagpur. Ramesh was the founding Editor-in-Chief of IEEE Multimedia magazine and has served and continues to serve on the editorial boards of several. He has co-authored more than 350 research papers in well-respected journals and conference proceedings. He has co-authored and co-edited several books. He is a Fellow of ACM, IEEE, AAI, IAPR, and SPIE. His current research interests are in searching multimedia data and creating EventWebs for experiential computing.

Ramesh co-founded three companies, managed them in initial stages, and then turned them over to professional management. These companies were PRAJA in event-based business activity monitoring (acquired by Tibco); Virage for media management solutions and visual information management (a NASDAQ company acquired by Autonomy); and ImageWare for surface modeling, reverse engineering rapid prototyping, and inspection (acquired by SDRC). Currently, he serves as advisor to four start-up and established companies.