

UNIVERSITY OF CALIFORNIA

TECH HORIZONS UCR 2009

RESEARCHERS SENSOR VENDORS NETWORK SYSTEMS MANUFACTURERS NETWORK SYSTEMS
PROFESSIONALS HOMELAND SECURITY CORRECTIONS INDUSTRY HOSPITALS
NUCLEAR POWER PLANTS SECURITY FIRMS INVENTORY MANAGEMENT MANAGERS
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AWARE SENSOR SYSTEMS The Next Revolution In Safety and Security



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Keynote Speaker

Arun Hampapur

Arun Hampapur, Distinguished Engineer at IBM, is a pioneer in the development of video surveillance technology. He manages the company's Exploratory Computer Vision Group which has been awarded 18 patents and 31 patents pending. Hampapur himself holds seven patents.



He was one of the early researchers in the field of Multimedia Database Management and today is most active in the fields of video surveillance and biometrics.

Recently Hampapur and his group have produced VeggieVision, a produce recognition system, VideoVista, a broadcast video indexing system, AV-Speech, an audio-visual speech recognition system, and Biometrics, fingerprint processing and security in biometric systems. Exploratory Computer Vision Groups PeopleVision explores several aspects of understanding people and their actions using camera based tracking. IBM's Smart Surveillance System draws on some of the tracking technologies developed in the PeopleVision project.

Hampapur has published numerous papers on various topics related to media indexing, video analysis, and video surveillance. He is also active in the research community and serves on the program committees of several IEEE International conferences. He also served on a NSF review panel for small business innovation research. Dr Hampapur is an IEEE Senior Member.

Hampapur earned his Ph.D. from the University of Michigan in 1995.