3-12-2011

Promoting Vision

Follow this and additional works at: https://ecommons.udayton.edu/news_rls

Recommended Citation
https://ecommons.udayton.edu/news_rls/976

This News Article is brought to you for free and open access by the Marketing and Communications at eCommons. It has been accepted for inclusion in News Releases by an authorized administrator of eCommons. For more information, please contact frice1@udayton.edu, mschlangen1@udayton.edu.
Promoting Vision

Vijayan Asari, director of the Computer Vision and Wide Area Surveillance Laboratory (Vision Lab) and professor of electrical and computer engineering, was promoted to the rank of senior member in the international society for optics and photonics, SPIE.

Asari, a leading researcher in security automation, was honored for his achievements in computer vision, pattern recognition and image processing.

"I am deeply indebted to my current and former students and colleagues for this recognition of my contributions to the optics community," Asari said.

Asari’s work spans real-time sensing and processing in wide-area surveillance, bio-inspired visual data processing for human robot interaction, and human and vessel identification in complex environments. In addition, Asari developed a vision-guided microrobotic endoscopy system.

He founded the Computational Intelligence and Machine Vision Laboratory at Old Dominion University, and since has been appointed as the Ohio Research Scholars Chair in Wide Area Surveillance at the University of Dayton.

"We are moving towards establishing a world class research center at the University of Dayton," he said, sighting collaborations and support from several University faculty and research members, the University-led Institute for Development and Commercialization of Advanced Sensor Technology (IDCAST) and faculty from participating Ohio universities as the keys to the center’s success.

Asari has received several research, teaching, and advising awards, such as the Outstanding Researcher Award and Outstanding Teacher Award at Old Dominion University. He has participated in more than 150 conferences, given several lectures and is a contributor to the SPIE journal’s Optical Engineering and Journal of Electronic Imaging (JEI).

"I would like to thank Dr. Joseph Haus, chair of the electro-optics program, Dr. Paul McManamon of the Ladar & Optical Communications Institute, and Dr. Mohammad Karim, Vice President for Research at Old Dominion University for their support and encouragement," he added.

Asari and his research group of doctoral level graduate students have established the Computer Vision and Wide Area Surveillance Laboratory, more popularly known as the "Vision Lab," in Kettering Labs at the University. Current research activities and research collaboration information of the Vision Lab can be viewed on the laboratory website: http://www.visionlab.udayton.edu/.

For more information, contact Shawn Robinson, associate director of media relations, at 937-229-3391 or srobinson@udayton.edu.