

## Recent Conference Lectures/Demos/Invited Talks

MONTH/YEAR	TITLE	MEETING/PLACE
February 2002	<i>A Collaborative Environment for Protein Visualization</i>	San Diego SuperComputing Center, San Diego, CA
July 2003	<i>Invariant Feature Extraction and Biased Statistical Inference for Video Surveillance</i>	IEEE International Conference on Advanced Video and Signal-based Surveillance, Miami, FL
August 2003	<i>An Overview of Some Current Research at the Computer Vision Laboratory at UCSB</i>	Academia Sinica, Taipei, Taiwan
August 2003	<i>Multi-Camera Video Surveillance Systems</i>	Photon-Electronics Research Center, Industrial Technology Research Institute, Tsinchu, Taiwan
August 2003	<i>Biolab: A Bioinformatics Workbench</i>	Biomedical Research Center, Industrial Technology Research Institute, Tsinchu, Taiwan
September 2003	<i>BioLab: A Bioinformatics Workbench</i>	San Diego SuperComputing Center, San Diego, CA
September 2003	<i>Video Surveillance with Distributed Camera Networks</i>	NSF Information and Data Management Workshop Seattle, WA
November 2003	<i>Multi-Camera Spatio-Temporal Fusion and Biased Sequence-Data Learning for Security Surveillance</i>	ACM Multimedia Conference, Berkeley, CA
December 2003	<i>Toward Robust and Real-Time Event Detection and Recognition for Video Surveillance</i>	Photon-Electronics Research Center, Industrial Technology Research Institute, Tsinchu, Taiwan
December 2003	<i>Real-Time Multi-Person Tracking in Video Surveillance</i>	Pacific Rim Multimedia Conference, Singapore
December 2003	<i>An Overview of Some Current Research at the Computer Vision Laboratory at UCSB</i>	National University of Singapore, Singapore

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April 2004	<i>Distributed Data Fusion and Mining</i>	SPIE Defense and Security Symposium, Orlando, FL
April 2004	<i>An Anatomy of a Video Surveillance System</i>	University of Central Florida, Orlando, FL
April 2004	<i>An Anatomy of a Video Surveillance System</i>	University of South Florida, Tampa, FL
April 2004	<i>Image-Based Rendering and Modeling in Video-Endoscopy</i>	IEEE International Symposium on Biomedical Imaging, Arlington, VA
April 2004	<i>Toward Real-Time, Physically-Correct Soft Tissue Behavior Simulation</i>	IEEE International Symposium on Biomedical Imaging, Arlington, VA
May 2004	<i>Image Interpretation in Video Surveillance</i>	Proximex Corp., Cupertino, CA
June 2004	<i>Human Activity Detection and Recognition for Video Surveillance</i>	IEEE International Conference on Multimedia and Expo, Taipei, Taiwan
June 2004	<i>SSD Tracking Using Dynamic Template and Log-Polar Transform</i>	IEEE International Conference on Multimedia and Expo, Taipei, Taiwan
June 2004	<i>Distributed Data Fusion and Mining</i>	National Taiwan University, Taipei, Taiwan
July 2004	<i>Biolab: A Bioinformatics Workbench (and More)</i>	Academia Sinica, Taipei, Taiwan
July 2004	<i>Visual Feedback Enhancement in Video Endoscopy</i>	National Taiwan University, Taipei, Taiwan
July 2004	<i>Selective Focus-of-Attention using Master-Slave Cameras for Video Surveillance</i>	Proximex Corp., Cupertino, CA
September 2004	<i>Selective Video Zooming and Analysis Using Master-Slave Cameras for Face Detection, Tracking, Modeling and Recognition</i>	Proximex Corp., Cupertino, CA
January 2005	<i>Robust and Real-Time Image Stabilization and Rectification</i>	Workshop on Applications of Computer Vision, Breckenridge, CO
March 2005	<i>An Overview of Some Current Research at the Computer Vision Laboratory at UCSB</i>	NEC Research Meeting, Santa Barbara, CA
October 2005	<i>VSSN Workshop Planning and Future</i>	ACM Multimedia Conference, New York NY

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June 2005	<i>Multi-Camera Tracking Frameworks</i>	Proximex Corp., Cupertino, CA
August 2005	<i>Web Image Quality Assurance and Duplicate Detection</i>	Ask Jeeves, Pistataway, New Jersey
September 2005	<i>Robust and Real-Time Computer Assisted Image Interpretation, Distributed Video Data Fusion and Mining</i>	NPS-LLNL-UCSB Workshop, Monterey, CA
November 2005	<i>Toward Robust and Real-time Multi-camera Video Surveillance in the Real World</i>	Academia Sinica, Taipei, Taiwan
November 2005	<i>A Video Analysis Framework for Soft Biometry Security Surveillance</i>	ACM Workshop on Visual Surveillance and Sensor Networks, Singapore
November 2005	<i>Toward Robust and Real-time Multi-camera Video Surveillance in the Real World</i>	Photon-Electronics Research Center, Industrial Technology Research Institute, Tsinchu, Taiwan
November 2005	<i>Toward Robust and Real-time Multi-camera Video Surveillance in the Real World</i>	National Taiwan University, Taipei, Taiwan
February 2006	<i>Modeling the Structure and Appearance of Objects from Video</i>	STI Medical Systems, Honolulu, HI
February 2007	<i>Structure and Motion Analysis from Video</i>	Naval Postgraduate School, Monterey, CA
June 2008	Regularizing Optical-Flow Computation using Tensor Theory and Complex Analysis	CVPR Workshop on Tensors in Image Processing and Computer Vision, Anchorage, AL
June 2008	A New Framework for Behavior Modeling of Organs and Soft Tissue using the Boundary-Element Methods	CVPR Workshop on Tensors in Image Processing and Computer Vision, Anchorage, AL
February 2009	Uniscale Multi-view Registration Using Double Dog-Leg Method	SPIE Medical Imaging Conference, San Diego, CA
February 2009	Feature Detector and Descriptor for Medical Images	SPIE Medical Imaging Conference, San Diego, CA
December 2009	Enhancing Vehicular Safety Using Computer-Vision Shape and Motion Analysis Algorithms	ITRI Conference on Smart Sensors for Vehicular Safety Application (Keynote speaker), Taipei, Taiwan

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December 2009	Building the Third Dimension Using Consumer-Market Digital Cameras, Camcorders, and Phones	Industrial Technology Research Institute (invited talk), Hsingchu, Taiwan
December 2009	Building the Third Dimension Using Consumer-Market Digital Cameras, Camcorders, and Phones	Academia Sinica (invited talk), Hsingchu, Taiwan
December 2009	Building the Third Dimension Using Consumer-Market Digital Cameras, Camcorders, and Phones	National Taiwan University (invited talk), Hsingchu, Taiwan
January 2010	Building the Third Dimension Using Consumer-Market Digital Cameras, Camcorders, and Phones	Intel Corp. (invited talk), Santa Clara, CA
February 2010	Building the Third Dimension Using Consumer-Market Digital Cameras, Camcorders, and Phones	MediaTek Regional Office (invited talk), Boston, MA
June 2010	Building the Third Dimension Using Consumer-Market Digital Cameras, Camcorders, and Phones	Sony Playstation Group (invited talk), Los Angeles, CA
June 2010	Building the Third Dimension Using Consumer-Market Digital Cameras, Camcorders, and Phones	Nokia Research Lab (invited talk), Santa Monica, CA
July 2010	Building the Third Dimension Using Consumer-Market Digital Cameras, Camcorders, and Phones	Sony Electronics (invited talk), San Diego, CA
September 2010	Building the Third Dimension Using Consumer-Market Digital Cameras, Camcorders, and Phones	Google (invited talk), Mountain View, CA
September 2010	Building the Third Dimension Using Consumer-Market Digital Cameras, Camcorders, and Phones	Multi-Viewpoint Image Acquisition and Utilization Workshop, Santa Barbara, CA