

Keynote Speakers

Kristen Grauman

(University of Texas at Austin)

Kristen Grauman is an associate professor in the Department of Computer Science at the University of Texas at Austin. Her research in computer vision and machine learning focuses on visual search and object recognition. Before joining the University of Texas at Austin in 2007, she received her Ph.D. in the Electrical Engineering and Computer Science department at the Massachusetts Institute of Technology, in the Computer Science and Artificial Intelligence Laboratory. She is an Alfred P. Sloan Research Fellow and Microsoft Research New Faculty Fellow, a recipient of NSF CAREER and ONR Young Investigator awards, the Regents' Outstanding Teaching Award from the University of Texas System in 2012, the PAMI Young Researcher Award in 2013, the 2013 Computers and Thought Award from the International Joint Conference on Artificial Intelligence, and a Presidential Early Career Award for Scientists and Engineers (PECASE) in 2013. She and her collaborators were recognized with the CVPR Best Student Paper Award in 2008 for their work on hashing algorithms for large-scale image retrieval, and the Marr Best Paper Prize at ICCV in 2011 for their work on modeling relative visual attributes.

Robert E. Kraut

(Carnegie Mellon University)

Robert Kraut is the Herbert A. Simon Professor of Human-Computer Interaction at the Human-Computer Interaction Institute in the School of Computer Science at Carnegie Mellon University. He has broad interests in the design and social impact of computing and has conducted empirical research on online communities, the social impact of the internet, the design of information technology for small-group intellectual work, the communication needs of collaborating scientists, the impact of computer networks on organizations, office automation and employment quality, and technology and home-based employment. His research in specific areas examines in detail the challenges groups currently have in performing social tasks, designs new technology to meet some of these challenges, and evaluates the usefulness of the new technology.

His recent research has focused on the analysis and design of online communities, such as Usenet groups, guilds in multiplayer games and the editors who write Wikipedia. This research consists of empirical analyses of how they operate, such as how they socialize newcomers and they coordinate their work. He is the coauthor of *Building Successful Online Communities: Evidence-Based Social Design*. He also conducts research on the role that the Internet has on the interrelationships among firms, on the relationships among people and on people's psychological well-being.

He wrote a biographical essay, *Re-Engineering Social Encounters*, in 2003 for the American Psychological Association. In 1980, his research on the evolution of the human facial won a Proxmire Golden Fleece award.