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Most cited paper of the decade award

The Publisher is pleased to announce the “Most Cited Paper of the Decade Award” for the *Journal of Visual Communication and Image Representation*. Our most cited paper award offers an alternative to committee-selected “best papers”. The only objective and transparent metric that is highly correlated with the quality of a paper is the number of citations. We hope that the design of this most cited paper award will ensure fairness and equal opportunity for all authors published in the *Journal*. Papers for this distinction are determined solely based on the highest number of cites, excluding self-citations, received for all journal articles published between the years 1999–2009 [data culled from SCOPUS reports (www.scopus.com) created on 24 February 2010].

The winning paper is “Image Retrieval: Current Techniques, Promising Directions, and Open Issues”, by Yong Rui, Thomas Huang, and Shih-Fu Chang, *J. Vis. Commun. Image Represent.* 10 (1999) 39–62. To date, the article has received 564 citations in Scopus and over 1000 cites in Google Scholar, making it the most cited paper in the *Journal*. It is evident that this work has been especially valuable to the community. We congratulate Drs. Rui, Huang, and Chang for this great achievement.

Dr. Yong Rui is a Director of Microsoft China R&D Group from 2006 to present. From 1999–2006, Dr. Rui was leading the Multimedia Collaboration team at Microsoft Research, Redmond, USA.

Dr. Rui contributes significantly to image and video analysis, indexing, and retrieval—from the fundamental framework, to algorithms, and to practical solutions. According to Google Scholar citation, two of Dr. Rui’s papers have been each cited 1000+ times and 12 other papers have each been cited 100+ times. His most distinctive contribution is in establishing a paradigm-shifting relevance feedback framework in image indexing and retrieval. Dr. Rui holds 40 issued and pending US and international patents in the above research fields.

Dr. Rui is an Associate Editor of *ACM Transactions on Multimedia Computing, Communications, and Applications*, *IEEE Transactions on Circuits and Systems for Video Technology*, and is on the editorial board of *IEEE Multimedia Magazine*. He was an Associate Editor of *IEEE Transactions on Multimedia* (2004–2008), *ACM/Springer Multimedia Systems Journal* (2004–2006), and *International Journal of Multimedia Tools and Applications* (2004–2006). He also serves on the Advisory Board of *IEEE Transactions on Automation Science and Engineering*. Dr. Rui is a Senior Member of IEEE and a Distinguished Member of ACM.

Dr. Thomas S. Huang received his B.S. Degree in Electrical Engineering from National Taiwan University, Taipei, Taiwan, China; and his M.S. and Sc.D. Degrees in Electrical Engineering from the Massachusetts Institute of Technology, Cambridge, Massachusetts. He was on the Faculty of the Department of Electrical Engineering at MIT from 1963 to 1973; and on the Faculty of the School of Electrical Engineering and Director of its Laboratory for Information and Signal Processing at Purdue University from 1973 to 1980. In

1980, he joined the University of Illinois at Urbana-Champaign, where he is now William L. Everitt Distinguished Professor of Electrical and Computer Engineering, and Research Professor at the Co-ordinated Science Laboratory, and Head of the Image Formation and Processing Group at the Beckman Institute for Advanced Science and Technology and Co-Chair of the Institute’s major research theme Human Computer Intelligent Interaction.

During his sabbatical leaves: Dr. Huang has worked at the MIT Lincoln Laboratory, the IBM Thomas J. Watson Research Center, and the Rheinisches Landes Museum in Bonn, West Germany, and held visiting Professor positions at the Swiss Institutes of Technology in Zurich and Lausanne, University of Hannover in West Germany, INRS-Telecommunications of the University of Quebec in Montreal, Canada and University of Tokyo, Japan. He has served as a consultant to numerous industrial firms and government agencies both in the U.S. and abroad.

Dr. Huang’s professional interests lie in the broad area of information technology, especially the transmission and processing of multidimensional signals. He has published 21 books, and over 600 papers in Network Theory, Digital Filtering, Image Processing, and Computer Vision. He is a Member of the National Academy of Engineering; a Foreign Member of the Chinese Academies of Engineering and Sciences; an Academician of Academia Sinica Taiwan Republic of China; and a Fellow of the International Association of Pattern Recognition, IEEE, and the Optical Society of American; and has received a Guggenheim Fellowship, an A.V. Humboldt Foundation Senior U.S. Scientist Award, and a Fellowship from the Japan Association for the Promotion of Science. He received the IEEE Signal Processing Society’s Technical Achievement Award in 1987 and the Society Award in 1991. He was awarded the IEEE Third Millennium Medal in 2000. Also in 2000, he received the Honda Lifetime Achievement Award for “contributions to motion analysis”. In 2001, he received the IEEE Jack S. Kilby Medal (with Arun Netravali). In 2002, he received the King-Sun Fu Prize, International Association of Pattern Recognition; and the Pan Wen-Yuan Outstanding Research Award. In 2003, he was appointed a Professor at the Center for Advanced Study at the University of Illinois at Urbana-Champaign, the highest honor the University bestows on its Faculty. In 2005, he received from UIUC School of Engineering the Tau Beta Pi D. Drucker Eminent Faculty Award. In 2006, he was named “Imaging Scientist of the Year” by IST and SPIE. He is a Founding Editor of the *International Journal Computer Vision, Graphics, and Image Processing*; and Editor of the Springer Series in Information Sciences, published by Springer Verlag.

Dr. Shih-Fu Chang is Professor and Chairman of Electrical Engineering and Director of Digital Video and Multimedia Lab at Columbia University. He has made significant contributions in multimedia search, media forensics, video adaptation, and international standards for multimedia indexing. He has been recognized with several awards, including the IEEE Kiyo Tomiyasu Award

(“for contribution to image search and classification”), IBM Faculty Award, Navy ONR Young Investigator Award, ACM Recognition of Service Award, and NSF CAREER Award. He and his students have received several Best Paper and Best Student Paper Awards from the IEEE, ACM, and SPIE. He has worked in different advising/

consulting capacities for many research institutions and media technology companies. He was elected to IEEE Fellow in 2004 and was Editor-in-Chief of *IEEE Signal Processing Magazine* during 2006–2008.