# Publisher's Note

The Publisher is delighted to announce the "Most Cited Paper Award" for *Signal Processing: Image Communication*. With the introduction of our most cited paper award, we are offering an alternative to committee selected "best papers". The only objective and transparent metric, which 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 assure fairness and equal opportunity for all authors published in the journal. It is our hope that this award will stimulate the best minds to release their best work. Papers for this distinction are determined solely based on the highest number of cites received for all journal articles published between the years 2004 and 2006 [data culled from SCOPUS reports (www.scopus.com) created on January 11, 2007]. The winning paper is Andreopoulos, Y., Munteanu, A., Barbarien, J., Van Der Schaar, M., Cornelis, J., Schelkens, P. In-band motion compensated temporal filtering (2004) Signal Processing: Image Communication, 19 (7), pp. 653–673.

We congratulate Drs. Andreopoulos, Munteanu, Barbarien, van der Schaar, Cornelis, and Schelkens for accomplishing this great achievement.

## Yiannis Andreopoulos



Yiannis Andreopoulos was born in 1977 in Aeghion, Greece. He received his Electrical Engineering diploma and M.Sc. degree in signal and image-processing systems from the University of Patras, Patras, Greece,

and obtained a Ph.D. in Applied Sciences from Vrije Universiteit Brussel, Brussels, Belgium.

Since October 2006, he has been a Lecturer at the Queen Mary University of London, UK. From May 2005 to September 2006 he was working as a Post-Doctoral Researcher at the University of California, Davis, and the University of California, Los Angeles, USA. His research interests are in the fields of transforms, multimedia architectures and complexity modeling, video coding, and multimedia transmission through unreliable media, e.g., wireless networks and the Internet.

Dr. Andreopoulos contributed to the ISO/IEC JTC1/SC29/WG11 (MPEG) committee (Scalable Video Coding group) during 2002–2003.

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## Adrian Munteanu



Adrian Munteanu was born in Constanta, Romania in 1970. He received his M.Sc. degree in Electronics and Telecommunications from the Politehnica University of Bucharest, Romania, in 1994, a M.Sc. degree in Biomedical Engineering from the

Technical University of Patras, Greece, in 1996, and a Ph.D. degree in Applied Sciences from Vrije Universiteit Brussel (VUB), Belgium, in 2003. Since October 1996, he has been a member of the Department of Electronics and Informatics (ETRO) of VUB. He holds a research professorship at the Department of Electronics and Informatics (ETRO) at VUB and in addition he currently holds a postdoctoral fellowship with the Fund for Scientific Research — Flanders (FWO), Belgium. His research interests include scalable still image and video coding, multiresolution image analysis, image and video transmission over networks, video segmentation and indexing, and statistical modeling. He is the author and co-author of more than 120 scientific publications, patent applications and contributions to standards, and has contributed to four books in his areas of interest.

## Joeri Barbarien

Joeri Barbarien was born in Leuven, Belgium in 1977. He obtained his Electrical Engineering degree in 2000 and a Dr. in Engineering Sciences in 2006, both from Vrije Universiteit Brussel, Belgium. Since October 2000, he has been a Member of the Department of Electronics and Informatics, Vrije Universiteit Brussel, Belgium, where he is currently working as a postdoctoral researcher and as a project coordinator for the Interdisciplinary Institute for Broadband Technology (IBBT). His research interests include scalable video and still-image coding, watermarking, video segmentation, and video indexing.

## Mihaela van der Schaar



Mihaela van der Schaar received her Ph.D. degree from the Eindhoven University of Technology, The Netherlands, in 2001. She is currently an Assistant Professor in the Electrical Engineering Department at the University of California, Los Angeles (UCLA). Prior to this, she was between 1996 and June 2003 a Senior Researcher at the Philips Research in the Netherlands and USA, where she led a team of researchers working on multimedia coding, processing, networking, and streaming algorithms and architectures. She has published extensively on multimedia compression, processing, communications, networking and architectures and holds 28 granted US patents and several more pending. Dr. van der Schaar was an active participant to the ISO Motion Picture Expert Group (MPEG) standard since 1999, to which she made more than 50 contributions and for which she received three ISO recognition awards. She chaired for 3 years the ad-hoc group on MPEG21 Scalable Video Coding, and also co-chaired the MPEG ad-hoc group on Multimedia Test-bed. She was also elected as a Member of the Technical Committee on Multimedia Signal Processing and of the Technical Committee on Image and Multiple Dimensional Signal Processing, both of the IEEE Signal Processing Society. She was an Associate Editor of *IEEE TRANSACTIONS ON MULTIMEDIA* and SPIE Electronic Imaging Journal. Currently, she is an Associate Editor of *IEEE TRANSACTIONS ON CIRCUITS AND SYSTEM FOR VIDEO TECHNOLOGY* (T-CSVT) and of IEEE Signal Processing Letters. She received the NSF CAREER Award in 2004, IBM Faculty Award in 2005, Okawa Foundation Award in 2006 and the Best Paper Award for her paper published in 2005 in the IEEE T-CSVT.

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## Jan Cornelis



Dr. Cornelis' main functions at de Vrije Universiteit Brussel (VUB) include: full professor in

digital image processing and electronics, Head of the Department "Electronics and Informatics — ETRO", Director of the Associated Lab of VUB within IMEC, and Coordinator of the IRIS research group on computer vision and image processing within ETRO. His current research interests are: image and video compression and medical image processing. He is co-author of 400 international publications in journals and conference proceedings, promoter of 21 PhDs and co-inventor in eight patents, and a reviewer for several EU research programs and international journals.

He obtained his electrical engineering degree in 1973 at VUB and a Ph.D. in Applied Sciences in 1980. He started working in a university environment in 1973 as an assistant, in the start up period of the Electronics Department at the VUB. In October 1974, he obtained a research grant in the field of biomedical signal processing untill 1980. As a postdoctoral researcher, he worked for 3 years in the Cardiology Department of the University Hospital in Jette, Belgium. In 1983, he became a full-time professor, teaching Electronic Circuit Design, Digital Image Processing and Medical Imaging. He was a "Scientific Collaborator" of the Department "Systèmes Logiques et Numériques" of the Université Libre de Bruxelles (ULB) from March 1, 1995 to September 30, 2004. Since 1997, he has been a Consultant Professor at the North-Western Polytechnical University, Xi'an, China.

For several years, he has been involved in a variety of R&D management tasks and he has participated on several policy advisory boards. He is a member of the Board of Directors of the Interuniversity MicroElectronics Centre — IMEC, Leuven, Belgium (since April 1995). Since January 1, 2001, he has been the vice-rector responsible for research and development at VUB. He is the Chairman of the board for the Directors of Brussels I3 NV — the private incubation fund associated with VUB, since September 1, 2002, and a member of the board of directors of ICAB NV (Incubation Centre, Arsenaal Brussel) since the start in 2005. He is also a board member of the VUB spin-off company EQCOLOGIC (equalizer Technology for Electrical Communication). He, a co-founder and vice-president of the DISC (Decision, Information, Science, Communication) Institute, the ICT knowledge centre of the Brussels Capital Region. He has been a Member of the "Vlaamse Raad voor Wetenschapsbeleid — VRWB" since December 15, 2000, Vice-Chairman of the Research Council of the

Brussels Capital Region since 2004, and a member of the Federal Research Council since 2005. He is also a board member of the science foundation — FWO and a member of the FWO evaluation commission T3 on "Engineering". He Became a member of the scientific committee of the Royal Meteorological Institute of Belgium — KMI in 2005.

**Peter Schelkens**



Peter Schelkens received his Electronic Engineering degree in VLSI-design from Industriële Hogeschool Antwerpen-Mechelen (IHAM), Campus Mechelen in 1991. Thereafter, he obtained an Electrical Engineering degree (M.Sc.) in Applied Physics in 1994, a Biomedical Engineering degree (Medical Physics) in 1995, and a Ph.D. degree in Applied Sciences in 2001 from Vrije Universiteit Brussel (VUB).

Peter Schelkens holds a professorship at the Department of Electronics and Informatics (ETRO) at VUB and, in addition, he currently holds a postdoctoral fellowship with the Fund for Scientific Research — Flanders (FWO), Belgium. Peter Schelkens is director of the VUB node of the Interdisciplinary Institute for Broadband Technology (IBBT) and a member of the Directors committee of the same institute. Additionally, he is also a Scientific Advisor to the NES division of the Interuniversity Microelectronics Institute (IMEC). Peter Schelkens coordinates a research team in the field of image/video compression and multimedia communication that is partner of IBBT. This team is participating to the ISO/IEC JTC1/SC29/WG1 (JPEG2000) and WG11 (MPEG) standardization activities.

Peter Schelkens is the Belgian head of delegation for the ISO/IEC JPEG standardization committee, editor/chair of part 10 of JPEG2000: "Extensions for Three-Dimensional Data", and member of the MPEG committee.

Peter Schelkens is the author/co-author of plural scientific publications and patent(s) (applications) and has participated in several national and international projects (IWT, FWO-FNRS, BELSPO, EC, ESA). He is the editor of "Het Ingenieursblad" (KVIV) and the *International Journal of Signal and Imaging Systems Engineering (IJSISE)*. He is a member of IEEE, SPIE, and SMPTE, and is active in several Belgian research and industrial networks.