

## Session : **WedAmPO2 Video Coding and Multimedia Communications**

Time: 09:00 – 10:40

**Chair:** *Marek Domanski , Poznań University of Technology, Poland*



### **EMBEDDED MULTIPLE DESCRIPTION SCALAR QUANTIZERS AND WAVELET-BASED QUADTREE CODING FOR PROGRESSIVE IMAGE TRANSMISSION OVER UNRELIABLE CHANNELS (Abstract)**

Augustin Ion Gavrilescu (Department of Electronics and Information Processing (ETRO), Belgium)  
Adrian Munteanu (Department of Electronics and Information Processing (ETRO), Belgium)  
Jan Cornelis (Department of Electronics and Information Processing (ETRO), Belgium)  
Peter Schelkens (Department of Electronics and Information Processing (ETRO), Belgium)

## Session : **WedAmPO2 Video Coding and Multimedia Communications**

Time: 09:00 – 10:40

**Chair:** *Marek Domanski , Poznań University of Technology, Poland*



### **A ROBUST H.264 DECODER WITH ERROR CONCEALMENT CAPABILITIES** **(Abstract)**

Gianluca Gennari (University of Padova, Italy)  
Gian Antonio Mian (University of Padova, Italy)  
Luca Celetto (ST Microelectronics Srl, Italy)

## Session : **WedAmPO2 Video Coding and Multimedia Communications**

Time: 09:00 – 10:40

**Chair:** *Marek Domanski , Poznań University of Technology, Poland*



### **PARAMETER TRANSMISSION VIA ROI IN JPEG2000 FOR VARIABLE-COEFFICIENT INVERTIBLE DEINTERLACING (Abstract)**

Takuma Ishida (Niigata University, Japan)  
Jun Uchita (Niigata University, Japan)  
Shogo Muramatsu (Niigata University, Japan)  
Hisakazu Kikuchi (Niigata University, Japan)  
Tetsuro Kuge (Science and Technical Research, NHK, Japan)

## Session : **WedAmPO2 Video Coding and Multimedia Communications**

Time: 09:00 – 10:40

**Chair:** *Marek Domanski , Poznań University of Technology, Poland*



### **SCALABLE MOTION VECTOR CODING FOR MC-EZBC ([Abstract](#))**

Zhiping Hu (University of California Davis, USA)

Mihaela Van Der Schaar (University of California Davis, USA)

Béatrice  
Pesquet-Popescu (ENST Paris, France)



### **A QOS-DRIVEN UMA VIEWER IN MPEG-21 FRAMEWORK ([Abstract](#))**

Andrew Perkis (Norwegian University of Science and Technology, Norway)

Venkatesh Babu (Norwegian University of Science and Technology, Norway)

Radhakrishnan (Norwegian University of Science and Technology, Norway)

Peder Drege (Norwegian University of Science and Technology, Norway)

## Session : **WedAmPO2 Video Coding and Multimedia Communications**

Time: 09:00 – 10:40

**Chair:** *Marek Domanski , Poznań University of Technology, Poland*



### **LOW COMPLEXITY VIDEO CODEC FOR MOBILE VIDEOCONFERENCING (Abstract)**

Andrea Molino (CERCOM – Dipartimento di Elettronica – Politecnico di Torino, Italy)  
Fabrizio Vacca (CERCOM – Dipartimento di Elettronica – Politecnico di Torino, Italy)  
Mainak Biswas (ECE Dept. – University of California San Diego, USA)  
Truong Q. Nguyen (ECE Dept. – University of California San Diego, USA)



### **EMBEDDING SIGN LANGUAGE INTERPRETATION OF A VIDEO IN THE WAVELET TRANSFORM DOMAIN (Abstract)**

Mohsen Ashourian (Azad University of Iran, Majlesi Branch, Iran)

## Session : **WedAmPO2 Video Coding and Multimedia Communications**

Time: 09:00 – 10:40

**Chair:** *Marek Domanski , Poznań University of Technology, Poland*



### **WAVELET-BASED VIDEO CODING: OPTIMAL USE OF MOTION INFORMATION FOR THE DECODING OF SPATIALLY SCALED VIDEO SEQUENCES ([Abstract](#))**

Davide Maestroni (DEI – Politecnico di Milano, Italy)  
Augusto Sarti (DEI – Politecnico di Milano, Italy)  
Marco Tagliasacchi (DEI – Politecnico di Milano, Italy)  
Stefano Tubaro (DEI – Politecnico di Milano, Italy)

## Session : **WedAmPO2 Video Coding and Multimedia Communications**

Time: 09:00 – 10:40

**Chair:** *Marek Domanski , Poznań University of Technology, Poland*



### **REPRESENTATION OF MOTION VECTORS IN MODIFIED ADVANCED VIDEO CODING WITH SPATIAL SCALABILITY (Abstract)**

Rafal Lange (Poznań University of Technology, Poland)

Lukasz Blaszk (Poznań University of Technology, Poland)

Marek Domanski (Poznań University of Technology, Poland)