



Session : Image and Video Filtering

Time: 10:50 – 12:50

Chair: *Joel Trussell , North Carolina State University*

 **A NEW METHOD FOR SUPPRESSING OPTICAL TURBULENCE IN VIDEO ([Abstract](#))**

Dalong Li (Georgia Institute of Technology, United States)
Russell M. Mersereau (Georgia Institute of Technology, United States)
David H. Frakes (Georgia Institute of Technology, United States)
Mark J. T. Smith (Purdue University, United States)

 **LOW COMPLEXITY TWO CLASSES GAUSS WEIGHTING FILTER FOR NOISE REDUCTION IN MOBILE RECEIVED ANALOG TV SIGNALS ([Abstract](#))**

Markus Friebe (University of Erlangen–Nuremberg, Germany)
André Kaup (University of Erlangen–Nuremberg, Germany)

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 **FULL OCCLUSION MANAGEMENT FOR WAVELET-BASED VIDEO CODING ([Abstract](#))**

Thomas André (I3S Laboratory – CNRS – University of Nice, France)
Marc Antonini (I3S Laboratory – CNRS – University of Nice, France)
Michel Barlaud (I3S Laboratory – CNRS – University of Nice, France)

 **AUTOMATIC TV LOGO REMOVAL USING STATISTICAL BASED LOGO DETECTION AND FREQUENCY SELECTIVE INPAINTING ([Abstract](#))**

Katrin Meisinger (University of Erlangen–Nuremberg, Germany)
Tobias Troeger (University of Erlangen–Nuremberg, Germany)
Marcus Zeller (University of Erlangen–Nuremberg, Germany)
André Kaup (University of Erlangen–Nuremberg, Germany)

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IMPROVED FREQUENCY DOMAIN SUPER-RESOLUTION ALGORITHM WITH CONJUGATE GRADIENT – NUFFT METHOD AS ITS RECONSTRUCTION CORE ([Abstract](#))

Krzysztof Malczewski (Poznan University of Technology, Poland)

Ryszard Stasinski (Poznan University of Technology, Poland)



CLASSIFICATION BASED DATA MIXING FOR HYBRID DE-INTERLACING TECHNIQUES ([Abstract](#))

Meng Zhao (Technische Universiteit Eindhoven, Netherlands)

Calina Ciuhu (Philips Research Laboratories Eindhoven, Netherlands)

Gerard De Haan (Philips Research Laboratories Eindhoven, Technische Universiteit Eindhoven, Netherlands)