

2001 FINNISH SIGNAL PROCESSING SYMPOSIUM

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Helsinki University of Technology, Department of Electrical and Communications Engineering
Signal Processing Laboratory, Espoo, Finland

PRELIMINARY PROGRAM

Paper
number

- #1 **Decimation by Non-Integer Factor Using CIC Filter and Linear Interpolation**
Djordje Babic, *Tampere University of Technology, Finland*; Jussi Vesma, *Nokia Research Center, Finland*; Markku Renfors, *Tampere University of Technology, Finland*
- #2 **Audio Restoration Using Sound Source Modeling**
Paulo Esquef, Vesa Välimäki, Matti Karjalainen, *Helsinki University of Technology, Finland*
- #3 **Adaptive Channel Equalizer for WCDMA Downlink**
Kari Hooli, Matti Latva-aho, Markku Juntti, *University of Oulu, Finland*
- #4 **Action Potential Analysis by Real Time DSP Hardware and Software for Odour Exposure Responses**
Matti Huotari, Vilho Lantto, *University of Oulu, Finland*
- #5 **A Complex Adaptive Notch Filter Based on the Steiglitz-McBride Method**
Yaohui Liu, Timo I. Laakso; *Helsinki University of Technology, Finland*; Paulo S. R. Diniz, *Universidade Federal do Rio de Janeiro, Brazil*
- #6 **MHP Compliant Service Development**
Artur Lugmayr, Seppo Kalli, Arttu Heinonen, Perttu Rautavirta, Mikko Oksanen, Florina Tico, Jens Spieker, Mathew Anurag, *Technical University of Tampere, Finland*
- #7 **Automatic Test Image Generation by Genetic Algorithms for Testing Halftoning Methods - Comparing Results with a Wavelet Method**
Timo Mantere, Jarmo T. Alander, *University of Vaasa, Finland*
- #8 **Flat Systems in Discrete Signal Processing**
Markku Nihtilä, *University of Kuopio, Finland*
- #9 **Pipeline Architecture for 8×8 IDCT with Fixed-Point Error Analysis**
Jari Nikara, Rami Rosendahl, and Jarmo Takala, *Tampere University of Technology, Finland*
- #10 **Equalization and Modeling of Audio Systems Using Kautz Filters**
Tuomas Paatero, Matti Karjalainen, *Helsinki University of Technology, Finland*
- #11 **Flexible DSP Platform for Various Workload Patterns**
Antti Pelkonen, Jussi Roivainen, Juha-Pekka Soininen, *VTT Electronics, Finland*
- #12 **Efficient Implementation of Multimedia Algorithms on Standard Processors**
Prakas Sastry, Ired Defée, *Tampere University of Technology, Finland*
- #13 **Polynomial FIR Predictors Design – A Review**
Jarno Tanskanen, *Helsinki University of Technology, Finland*
- #14 **Tracking of Nonstationary EEG with Kalman Smoother Approach**
Mika P. Tarvainen, Perttu O. Ranta-aho, and Pasi A. Karjalainen, *University of Kuopio, Finland*
- #15 **Note on Connections Between Active Contours and Rayleigh Quotients**
Jussi Tohka, *Tampere University of Technology, Finland*
- #16 **Space-Frequency Turbo Coded OFDM for Future High Data Rate Wideband Radio Systems**
Djordje Tujkovic, Markku Juntti, Matti Latva-aho, *University of Oulu, Finland*

Evening Reception offered by the City of Espoo at Gumböle Manor