



Session : **Adaptive Filters**
Time: 08:30 – 10:30



ADAPTIVE LAGUERRE–VOLTERRA FILTERS OPTIMIZATION BASED ON LAGUERRE SPECTRA
(Abstract)

G rard Favier (Laboratoire I3S–CNRS–UNSA, France)
Alain Yuwa Kibangou (Laboratoire I3S–CNRS–UNSA, France)
Moha Hassani (LEI–FSSM–UCAM, Morocco)



RFI CANCELLATION IN VDSL SYSTEMS USING A NOVEL COMPLEX (Abstract)

Fernando Hugo (Helsinki University of Technology, Finland)
Gregorio (Helsinki University of Technology, Finland)
Juan Edmundo (Universidad Nacional del Sur, Argentina)
Cousseau (Universidad Nacional del Sur, Argentina)
Timo Laakso (Helsinki University of Technology, Finland)

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SET THEORETIC ADAPTIVE FILTERING: USING PERIODOGRAM AND PROJECTIONS ONTO CONVEX SETS. ([Abstract](#))

Leonardo Rey Vega (Universidad de Buenos Aires, Argentina)
Sara Tressens (Universidad de Buenos Aires, Argentina)
Hernán Rey (Universidad de Buenos Aires, Argentina)



FULLY AND PARTIALLY INTERPOLATED ADAPTIVE VOLTERRA FILTERS ([Abstract](#))

Eduardo Batista (Federal University of Santa Catarina, Brazil)
Orlando Tobias (Federal University of Santa Catarina, Brazil)
Rui Seara (Federal University of Santa Catarina, Brazil)

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 **SQUARE-ROOT FORM BASED DERIVATION OF A NOVEL NLMS-LIKE ADAPTIVE FILTERING ALGORITHM ([Abstract](#))**

Mounir Bhourri (ISIMM, Tunisia)

 **ON CONVEX VARIABLE STEP-SIZE ALGORITHM IMPLEMENTATION ([Abstract](#))**

Corneliu Rusu (Tampere University of Technology, Finland)
Colin Cowan (Queen's University of Belfast, United Kingdom)

 **TRACKING ANALYSIS OF VARIABLE XE-NLMF ALGORITHM IN THE PRESENCE OF BOTH RANDOM AND CYCLIC NONSTATIONARITIES ([Abstract](#))**

Muhammad Moinuddin (KFUPM, Saudi Arabia)
Azzedine Zerguine (KFUPM, Saudi Arabia)



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**NEW DIRECT MULTICHANNEL ACTIVE NOISE CONTROL BY FREQUENCY-DOMAIN APPROACH
(Abstract)**

Masaki Kamata

(Keio University, Japan)

Akira Sano

(Keio University, Japan)



**A SYNCHRONIZED LEARNING ALGORITHM FOR NONLINEAR PART IN A LATTICE PREDICTOR
BASED ADAPTIVE VOLTERRA FILTER (Abstract)**

Kenji Nakayama

(Kanazawa University, Japan)

Akihiro Hirano

(Kanazawa University, Japan)

Hiroaki Kashimoto

(Kanazawa University, Japan)

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