



Session : **Signal Processing for Music**

Time: 15:10 – 16:30

Chair: *Sergios Theodoridis , University of Athens*



SEPARATION OF DRUMS FROM POLYPHONIC MUSIC USING NON-NEGATIVE MATRIX FACTORIZATION AND SUPPORT VECTOR MACHINE ([Abstract](#))

Marko Helén (Tampere University of Technology, Finland)
Tuomas Virtanen (Tampere University of Technology, Finland)



SEGMENTATION OF PITCH TRACKS FOR MELODY DETECTION IN POLYPHONIC AUDIO ([Abstract](#))

Rui Pedro Paiva (CISUC, Portugal)
Teresa Mendes (CISUC, Portugal)
Amílcar Cardoso (CISUC, Portugal)

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HIGH-RESOLUTION PARAMETRIC MODELING OF STRING INSTRUMENT SOUNDS ([Abstract](#))

Matti Karjalainen

(Helsinki University of Technology, Finland)

Tuomas Paatero

(Helsinki University of Technology, Finland)



MELODY SPOTTING IN RAW AUDIO RECORDINGS USING VARIABLE DURATION HIDDEN MARKOV MODELS ([Abstract](#))

Aggelos Pikrakis

(University of Athens, Greece)

Sergios Theodoridis

(University of Athens, Greece)

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