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**COMMITTEE'S GREETING**

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## MUSIC INFORMATION RETRIEVAL—PART 1

1-1 [Invited Paper] New Developments in Music Information Retrieval

*Meinard Müller*, Saarland University and MPI Informatik, Saarbrücken, Germany


*Masataka Goto*, National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba, Japan

1-3 [Invited Paper] Lost in Translation: Transferring Semantic Audio Analysis from the Lab to Industry

*Jay LeBoef*, Imagine Research Inc., San Francisco, CA, USA

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**P1-1** Improving a Multiple Pitch Estimation Method with AR Models

*Tiago Fernandes Taveres, Jayme Garcia Arnoal Barbedo, Amauri Lopes*, University of Campinas, Campinas, SP, Brazil

**P1-2** Polyphonic Music Transcription Using Weighted CQT and Non-Negative Matrix Factorization

*Sang Ha Park, Seokjin Lee, Koeng-Mo Sang*, Seoul National University, Kwanak-gu, Seoul, Korea

**P1-3** Automatic Classification of Musical Pieces into Global Cultural Areas

*Anna Kruspe, Hanna Lukashevich, Jakob Abeßer, Holger Großmann, Christian Dittmar*, Fraunhofer Institute for Digital Media Technology IDMT, Ilmenau, Germany

**P1-4** Toward Context-Sensitive Music Recommendations Using Multifaceted User Profiles

*Rafael Schirru, Andreas Dengel*, German Research Center for Artificial Intelligence, Kaiserslautern, Germany and University of Kaiserslautern, Kaiserslautern, Germany; *Stephan Baumann*, German Research Center for Artificial Intelligence, Kaiserslautern, Germany; *Christian Freye*, Brandenburg University of Applied Sciences, Brandenburg, Germany

**P1-5** Regression-Based Tempo Recognition from Chroma and Energy Accents for Slow Audio Recordings

*Thorsten Deinert, Igor Vatolkin, Günter Rudolph*, TU Dortmund, Dortmund, Germany

**P1-6** Blind Estimation of Reverberation Time from Monophonic Instrument Recordings Based on Non-Negative Matrix Factorization

*Maximo Cobos, Jose J. Lopez*, Universitat Politecnica de Valencia, Valencia, Spain; *Pedro Vera-Candeas, Julio Jose Carabias-Orti, Nicolas Ruiz-Reyes*, Universidad de Jaen, Linares, Spain
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Bożena Kosiek, Gdansk University of Technology, Gdansk, Poland

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Björn Schuller, Martin Wöllmer, Florian Eyben, Gerhard Rigoll, Technische Universität München, Munich, Germany; Dejan Arsic, Müller-BBM Vibroakustiksysteme, Planegg, Germany

2-2 SyncTS: Automatic Synchronization of Speech and Text Documents
David Damm, Harald Grohganz, Sebastian Ewert, Michael Clausen, University of Bonn, Bonn, Germany; Frank Kurth, Fraunhofer Institute for Communication, Information Processing and Ergonomics (FKIE), Wachtberg, Germany

2-3 Extraction of Spectro-Temporal Speech Cues for Robust Automatic Speech Recognition
Bernd T. Meyer, International Computer Science Institute (ICSI), Berkeley, CA, USA

3 AUTOMATIC MUSIC TRANSCRIPTION

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3-2 Note Clustering Based on 2-D Source-Filter Modeling for Underdetermined Blind Source Separation
Martin Spiertz, Volker Gnann, RWTH Aachen University, Aachen, Germany

3-3 Pitch Estimation by the Pair-Wise Evaluation of Spectral Peaks
Karin Dressler, Fraunhofer Institute for Digital Media Technology, IDMT, Ilmenau Germany

4 INFORMED SOURCE SEPARATION

4-1 [Invited Paper] Parametric Coding of Audio Objects: Technology, Performance and Opportunities
Jürgen Herre, International Audio Laboratories Erlangen (a joint institution of Fraunhofer IIS and University of Erlangen-Nürnberg), Erlangen, Germany; Leon Terentiev, Fraunhofer Institute for Integrated Circuits IIS, Erlangen, Germany

4-2 Informed Audio Source Separation from Compressed Linear Stereo Mixtures
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