

ISCEA 2017

Hamburg, Dec. 07.-10.

Thu., Dec. 07.

Arrivals

8.00 pm Welcome Address; Meet-and-Greet [room 5]

Fri., Dec. 08.

[T1.a] Basic Concepts and General Issues of Digital Archiving [room 5]

9.00 am Bader: *Music information retrieval phonogram archive structure*

9.30 am Louhivuori: *John Blacking revisited – comparative analysis of changes in Venda music (1956 -2009)*

10.00 am Tilley: *“The Higher Drum is the Bus Driver”: Exploring intersections of ethnography and music analysis in a study of Balinese arja drumming, and how digital archives could facilitate*

10.30 - 11.00 am Coffee Break

[T1.b] Basic Concepts and General Issues of Digital Archiving [room 5]

11.00 am Six: *Challenges and opportunities for computational analysis of wax cylinders*

11.30 am Koehn: *Integration of 'field and lab' in ethnomusicology*

12.00 - 1.00 pm Lunch Break

[W1] Workshops: Data Architectures and Music Information Retrieval (MIR) [room 7]

1.00 pm Franke: *Advanced archival data structures*

2.00 pm Blass: *Exploring ethnographic archives : tools and techniques for data visualization*

3.00 pm - 3.15 pm Coffee Break

[T2.a] Ethnomusicological Archives - Processes, Technologies, Challenges [room 5]

3.15 pm Dorsch *et al*: *The African Music Archives in Mainz, history, collection and the current digitization project*

3.45 pm Kob *et al*: *How to interpret early recordings? Artefacts and resonances in recording and reproduction of singing voices*

4.15 pm Place: *The model of Smithonian Folkways and the Smithonian's Rinzler Archives*

[P1] Panel Discussion and Roundup [room 5]

4.45 pm - 5.45 pm Panelists: Bader, Tilley, Koehn, Dorsch, Kob, Place, Simonnot, Azadeh, Wendt.
Chair: Louhivuori

5.45 pm - 8.00 pm Break

Concert [room 5]

8.00 pm Compositions by Sturm and Ben-Tal; Ensemble Volans; John Hughes (b)

Sat., Dec. 09

[T2.b] Ethnomusicological Archives - Processes, Technologies, Challenges [room 5]

9.00 am Simonnot: *MIR projects and Musée de l'Homme sound archives*

10.00 am Azadeh: *Persian piano music, recording and notation*

10.30 am - 11.00 am: *Coffee Break; recital of Iranian piano music (Azadeh)*

[T3.a] Metrology, Signal Processing, Data Networking [room 5]

11.00 am Alexandraki: *Networked Music Performance in the context of folk music*

11.30 am Benetos: *Automatic transcription of world music collections*

12.00 - 1.00 pm: *Lunch Break*

[W2] Workshops: Computational Modeling [room 08]

1.00 pm Plath: *3D-imaging of musical Instruments: methods and applications*

2.00 pm Pfeifle: *Physical modeling: applications and findings*

3.00 pm - 3.30 pm *Coffee Break*

[T3.b] Metrology, Signal Processing, Data Networking [room 5]

3.30 pm Papadiogiannis: *Laser-based holographic interferometry techniques for the study of musical instruments*

4.00 pm Lukashevich: *Metadata cleanup and enrichment for music archives using semantic music technologies and machine learning*

4.30 pm Marchand: *Spatial manipulation of musical sound: informed source separation and respatialization*

5.00 pm - 5.15 pm *Coffee Break*

[P2] Panel Discussion and Roundup [room 5]

5.15 pm - 6.15 pm Panelists: Alexandraki, Benetos, Papadogiannis, Lukashevich, Marchand, Sturm, Fischer, Kirsch

Chair: Six

6.15 pm - 7.00 pm *Break*

Concert [room 5]

7.00 pm Gamelan-group ARUM SIH, Bremen

Sun., Dec. 10.

[T4.a] Signal Processing Applications

[room 5]

10.00 am Sturm/Ben-Tal: *Evaluating generative transcription models built using deep learning*

10.30 am Fischer: *Shock waves in the initial transient of an organ pipe*

11.00 am - 11.30 am Coffee Break

[T4.b] Signal Processing Applications

[room 5]

11.30 am Kirsch: *The View Inside: X-Ray and Neutron 3D Computed Tomography as a Powerful Technology for the Examination of Musical Instruments*

12.00 am Wendt: *Computational investigations of the Balinese gamelan : scales and modes*

12.30 *Farewell*

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