ISCEA 2017

**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 Smithsonian Folkways and the Smithsonian'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)
[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


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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