KOSMOS WORKSHOP
„EMERGING SYNCHRONIZATION IN MUSIC COGNITION“

PRELIMINARY PROGRAMME

Wednesday, 27 September 2017

17.00 - 18.00 Registration

18.00 - 18.30 Welcome and Introduction to the workshop: Prof. Dr. Klotz & Dr. Küssner

18.30 - 19.30 Public lecture
Prof. Dr. Peter Keller, MARCS Institute, Western Sydney University: „Musical Joint Action – Novel Modellings of Ecologically Valid Settings“.

19.30 - 21.00 Reception

Thursday, 28 September 2017

10.00 - 11.00 Keynote lecture
Dr. Pieter-Jan Maes, IPEM, Dept. of Art, Music and Theatre Sciences, Ghent University: “Synchronization as a Paradigm of music-based Embodied Cognition”.

11.00 - 11.30 Coffee break

11.30 - 13.00 Interventions
Prof. Dr. rer.nat. Isabel Dziobek, Institut für Psychologie der HU and Berlin School of Mind and Brain: “Empathy and Synchronization from a clinical perspective: the case of autism”.

Jun.-Prof. Dr. Jin Hyun Kim, Institut für Musikwissenschaft und Medienwissenschaft der HU, “Synchronization versus seemingly synchronous states: Conceptual and methodological considerations concerning interaction-based music cognition”.

13.00 - 14.30 Lunch

14.30 - 16.00 Interventions
apl. Prof. Dr. Michael Rosenblum, Institut für Physik und Astronomie, Universität Potsdam: „Synchronization from the view-point of physics“.

Dr. Jan van Treeck, Institut für Musikwissenschaft und Medienwissenschaft der HU: „Human-Machine-Synchronizations from a media-epistemic perspective“.
16.00 - 17.00  Coffee break and Poster presentations (part I)

17.00 - 18.00  Virtual method training:
Paolo Alborno, Universitá degli Studi di Genova,
Dipartimento di Informatica, Bioingegneria, Robotica e
Ingegneria dei Sistemi and InfoMus Music Lab/Casa Paganini,
“The Eyesweb-platform and its applications”.

19.30 Uhr  Conference Dinner

Friday, 29 September 2017

10.00 - 11.00  Keynote lecture
Dr. Donald Glowinski, Neuroscience of Emotion and Affective
Dynamics Lab and Department Affective Sciences at University
of Geneva: „On the affective dynamics of musically induced
synchronizations”.

11.00 - 11.30  Coffee break

11.30 - 13.00  Interventions:
PD Dr. Martin Ebeling, Institut für Musik und
Musikwissenschaft, TU Dortmund: „Synchronization from
mathematical, neuro-acoustic and phenomenological
perspectives”.

Prof. Dr. Wolfgang Ernst, Institut für Musikwissenschaft und
Medienwissenschaft der HU: „Time-critical media operations”.

13.00 - 14.30  Lunch

14.30 - 15.30  Intervention:
Prof. Stephen Taylor, School of Music, University of Illinois
at Urbana-Champaign: „Synchronizing video and audio to
enhance data sonification”.

15.30 - 16.30  Coffee break and Poster presentations (part II)

17.00 – 18.00  Practical method training
Visit to the Erich von Hornbostel Audio Emergence Lab (HAEL)
at Institut für Musikwissenschaft und Medienwissenschaft,
with lab-demonstration and Hands-on-training: Dr. Mats
Küssner
Saturday, 30 September 2017

10.00 - 11.00  
**Keynote lecture**  
Prof. Dmitri Tymoczko, Dept. of Music, Princeton University: „Music, Theory, Geometry, and Visuo-spatial Synchronization in Games, Digital Instruments, and Multimedia Art“

11.00 - 12.00  
**Interdisciplinary panel**  
„About the potential of the issue of synchronisation. Consolidation, youth development, institutional networking“

Participants:

Prof. Dr. Christian Kassung, Institut für Kulturwissenschaft der HU and Helmholtz-Zentrum für Kulturtechnik

Prof. Dr. Peter Keller, MARCS Institute, Western Sydney University

Dr. Pieter-Jan Maes, IPEM, Dept. of Art, Music and Theatre Sciences, Ghent University

Dr. Donald Glowinski, *Neuroscience of Emotion and Affective Dynamics Lab* and Department *Affective Sciences* at University of Geneva

12.00 - 12.30  
**Farewell coffee break**

12.30 - 14.30  
Working lunch for participants of the panel in order to develop cooperations