

**KOSMOS WORKSHOP**  
**„EMERGING SYNCHRONIZATION IN MUSIC COGNITION“**

27-30 September 2017  
Humboldt-Universität zu Berlin  
Institut für Musikwissenschaft und Medienwissenschaft

Venue: Festsaal, 2nd floor, Luisenstr. 56, 10117 Berlin

**PRELIMINARY PROGRAMME**

Wednesday, 27 September 2017

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|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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<br>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

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| 10.00 - 11.00 | Keynote lecture<br>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<br>Prof. Dr. rer.nat. Isabel Dziobek, Institut für Psychologie der HU and <i>Berlin School of Mind and Brain</i> : “Empathy and Synchronization from a clinical perspective: the case of autism”.<br><br>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<br>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, Università 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