

22. Februar 2011

## Networks and Nonlinearity in the Musical Experience

March 1 - 4, 2011

Organization:

Thilo Gross (Dresden), Cristián Huepe (Chicago)

### Program

#### **Tuesday, 2011-03-01**

09.30 – 10.00: Welcome address by Philippe Blanchard, ZiF director and the organizers

10.00 – 11.00: **Cristián Huepe** – *From Music to Networks, Nonlinearities, and complexity*

11.00 – 11.30: *Coffee Break*

11.30 – 12.30: **Stefano Boccaletti** – *Adaptation, Clustering and Dishomogeneity in Complex Networks*

12.30 – 13.30: *Lunch Break, Informal discussions*

13.30 – 14.30: **Maximilian Schich** – *Networks in the Experience of Art - Some Associations*

14.30 – 15.30: **Subhendu Ghosh** – *Socio-Cultural basis of Brain Activities during Perception and Cognition of Music*

15.30 – 16.00: *Coffee Break*

16.00 – 17.00: **Jean-Luc Amestoy** presentation "Self-organization and improvised music "

17.00 – 19.00: Self-organized musical performances 1

#### **Wednesday, 2011-03-02**

09.30 – 10.30: **Anne-Ly Do** – *Consensus and coordination in heterogeneous social networks*

10.30 – 11.00: *Coffee Break*

11.00 – 12.00: **Silke Kipper** – *Music is in the ear of the beholder: experiencing bird songs*

12.00 – 12.30: **Gesa Böhme** – "Fragmentation transitions in adaptive networks

12.30 – 13.30: *Lunch Break, Informal discussions*

13.30 – 14.30: **Robert Henke** – *Computer-generated music: Contemporary aspects of production, performance, and reception*

14.30 – 15.00: *Coffee Break*

15.00 – 16.00: Demonstration of modern approaches to music production

16.00 – 17.00: Discussion  
*Foreseeing possibilities: the future of the science-music connection*

17.00 – 19.00: Self-organized musical performances 2

### **Thursday, 2011-03-03**

09.30 – 10.30: **Hauke Egermann** – *Emotion and Music: Effects of Structural and contextual Features*

10.30 – 11.00: *Coffee Break*

11.00 – 12.00: **Birger Kollmeier** – *Auditorische Signalverarbeitung - Auditory Signal Processing*

12.00 – 12.30: **Torsten Hartmann** – *Music and the Web of Data*

12.30 – 13.30: *Lunch Break, Informal discussions*

13.30 – 14.30: **Pedro Cano** – *Music Recommendation Networks*

14.30 – 15.00: **Gerd Zschaler** – *Modelling cooperation and free-riding in social networks*

15.00 – 15.30: *Coffee Break*

15.30 – 18.00: Discussion – *Building bridges: perspectives for collaborations*

### **Friday, 2011-03-04**

09.30 – 10.30: **Thilo Gross**: Mathematical models for social networks

10.30 – 11.00: *Coffee Break*

11.00 – 12.30: Concluding Discussions – End of Program