

**FOURTH ENTRAINMENT NETWORK MEETING  
FLORIDA ATLANTIC UNIVERSITY  
BOCA RATON, FL**

**HOSTED BY: THE MUSIC COGNITION LAB  
AT THE CENTER FOR COMPLEX SYSTEMS AND BRAIN SCIENCES**

**SPONSORED BY: CHARLES E. SCHMIDT COLLEGE OF SCIENCE  
& DIVISION OF RESEARCH, FAU**

## **AGENDA**

### **Friday May 5**

**1 – 5 pm**

Mari Jones

**Howard Johnson's Resort, Deerfield Beach**

*Effects of temporal perturbations on melodic listening*

Tommi Himberg

*Speeding up cooperative tapping - effects of visual cues to stability of synchronised and syncopated patterns*

Heather Chapin  
& Ted Zanto

*Attending to syncopated rhythms: Preliminary fMRI & EEG results*

Discussion: *Entrainment & Attending*

**6 - 8 pm**

**Welcome Reception**

### **Saturday May 6**

**10am – noon**

Nick Collins

**CCSBS, Room 303**

*Neural net based onset detection*

Summer Rankin

*Tracking and predicting tempo change in piano performance*

**12 – 2 pm**

**Lunch**

**2 – 6 pm**

Elizabeth Tolbert

**CCSBS**

*Entrainment as Mediation Between Individual and Collective Meaning*

Udo Will

*Does the brain entrain to musical rhythms? Part II. EEG responses to periodic acoustic stimuli at low repetition rates (0.5 to 8 Hz)*

Jamie Cunningham

*Native North American Entrainment Perspectives*

Martin Clayton

Discussion: *Issues in Observing Entrainment*

### **Sunday May 7**

**10am – noon**

Cyrille Magne

**CCSBS, Room 303**

*Relationship between Metric and lexico-semantics aspects of speech: Behavioral and electrophysiological approaches*

Reyna Gordon

*Neurocognition of Sung Language: Interrelated roles of Melody, Semantics, and Meter*

**12 - 2 pm**

**Lunch**

**2pm – 6pm**

Nurit Ben-Zvi

**CCSBS**

*From Entrainment to Self- and 'Informational' Entrainment: a cross-cultural investigation of biblical Cantillation*

Justin London  
& Ian Cross

*The effect of tempo on metrically ambiguous melodies*

Sofia Dahl

*On the beat: Human movement and timing in the production and perception of music*

Mark Doffman  
& Ed Large

Discussion: *Issues in Musical Entrainment*

**7 pm**

**Dinner at *Sublime* in Ft. Lauderdale**

**Monday May 8**

**10am – 1pm**

**Howard Johnson's Deerfield Beach**

Discussion: Martin, Andy & others who have burning issues & questions