

# The Neurosciences and Music – V

## Cognitive Stimulation and Rehabilitation

Dijon, France

29 May - 1 June, 2014

Grand Théâtre / Palais des Ducs



Fondazione  
Pierfranco e Luisa Mariani  
neurologia infantile

### Workshops & Keynote Lecture

- Cognitive development and music
- Research in Neuromusic, the EBRAMUS experience: where to go from here
- Cognitive stimulation and brain plasticity in elderly (*L. Bherer*)

### Symposia (*Chair*)

- Musical expertise and more? (*S. Moreno*)
- Moving on the beat of music: bridging training/rehabilitation strategies and technology (*S. Dalla Bella*)
- Individual differences in movement coordination: effects of training, aptitude, and neurological disorders (*P. Keller*)
- Musical rhythm and language development: basic research and translation to rhythm-based interventions (*D. McAuley*)
- Temporal expectations in a developmental perspective (*B. Tillmann*)
- Dance and the brain: a new window to study brain plasticity (*V. Penhune*)
- The beat: a structured environment for movement, communication and socialization (*K. Overy*)
- Music and emotion: implications for therapy and rehabilitation (*S. Koelsch*)
- The role of music in promoting infants' well-being: clinical and research perspectives (*M.C. Saccuman*)
- Music cognition in dementia (*A. Halpern*)

### Speakers & Chairs

E. Altenmüller - B. Bardy - L. Bherer - E. Cross - L. Cuddy - S. Dalla Bella - S. Demorest  
S. Furuya - R. Gordon - J. Grahn - A. Halpern - M. Hove - K. Hyde - P. Keller - S. Koelsch  
S. Kotz - I. Kovelman - M. Leman - J. Loewy - P. Loui - W. Magee - D. McAuley - S. Moreno  
B. Morillon - J. O'Kelly - K. Overy - V. Penhune - V. Putkinen - C. Saccuman - S. Samson  
G. Schellenberg - D. Schön - D. Strait - J. Thomson - B. Tillmann - L. Trainor - S. Trehub  
F. Ullen - P. Vuilleumier - R. Zatorre

## Poster Sessions

The Scientific Community is invited to present posters.

A – Music and development in children and adolescents

- Infants and toddlers
- Language and memory
- Behavior and developmental disorders
- Transfer effects on learning
- Music education
- Nature vs Nurture
- New technologies (cochlear implants, etc)

B – Music and adulthood

- Language, learning and memory
- Pitch, rhythm, scale and tonality
- Emotions, imagery and aesthetics
- Neurological disorders and amusia
- Aging and dementia
- New technologies (cochlear implants, sensors, multimedia, etc)
- Cultural studies



*In partnership with*



Université de Bourgogne



Municipality of Dijon



Lyon Neuroscience Research Center

*In cooperation with*

EBRAMUS Initial Training Network

### Scientific Committee

Emmanuel Bigand, Dijon  
Barbara Tillmann, Lyon  
Eckart Altenmüller, Hannover  
Giuliano Avanzini, Milan  
Katie Overy, Edinburgh  
Gottfried Schlaug, Boston  
Mari Tervaniemi, Helsinki

### Organizing Committee

Simone Dalla Bella, Montpellier  
Hervé Platel, Caen  
Séverine Samson, Lille  
Daniele Schön, Marseille

### Scientific Advisors

Isabelle Peretz, Montreal  
Robert Zatorre, Montreal

### Scientific Secretariat

Luisa Lopez, Rome

### Information & Enrolments

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