

INTERNATIONAL SYMPOSIUM

MUSIC, POETRY AND THE BRAIN . Celebrating Wagner's Bicentennial

Background and Objectives

Richard Wagner's bicentennial will be celebrated in May 22, 2013. It is indisputable that with his operas, Wagner introduced profound new insights relating music, language (poetry) and emotion. It is widely consensual that with his dramas, Wagner intended to explore human mind and behavior with the power of music. In fact, never before music was so systematically used as a tool for describing and interpreting facts, events, beliefs, desires, intentions, memories and emotions .. In the last decades, much advances have been done on the understanding the cerebral basis of music and its relationships with brain mechanisms of language, cognition and emotion. In short, music has also been shown to be a powerful pathway to understand human mind and behavior with the modern tools of neuroscience. Therefore, Wagner's bicentennial could be an excellent opportunity for a meeting summarizing the recent advances of brain research on these themes.

Expected Audience

Certainly, this meeting is not addressed only to people who appreciate Wagner's Operas. It is not addressed only to specialists in brain research as well. Lectures by the invited speakers are intended to be clear enough to be assimilated and enjoyable by a vast audience interested in Music, Art and Science, in general. Poster communications are welcome.

Program

Saturday, 25 May 2013

Universidade Nova de Lisboa Auditorium, Lisbon, Portugal

Coordinators: A. Sena (Lisbon) and R. Zatorre (Montreal)

10 am - Welcome to the meeting

PRELUDE

Wagner and Science (A Sena, Lisbon)

Opening Lecture:

- The cerebral basis of music : An overview (R Zatorre, Montreal)

11.15-11.45- Coffee break (and poster communications)

ACT I: MUSIC FROM THE BRAIN, MUSIC FOR THE BRAIN

11.45- 12.15- Music semantics and the brain (S Koelsch, Berlin)

12.15- 12.45 - Singing in the brain (D Schon, Marseille)

12.45- 13.15- Emotions in the brain (S Koelsch,Berlin)

13.15-14 - LIGHT LUNCH

14-14.30- Music and brain rhythms (S Penhune, Montreal)

14.30-15 -Musical training and brain plasticity (L Jancke, Zurich)

15-15.30 -Musical disorders (T Griffiths, Newcastle)

15.30-16 - Music as a tool for human development (P M Rodrigues and H Rodrigues, Aveiro, Lisbon)

16-16.30- Coffee break (and poster communications)

ACT II: WAGNER , MUSIC AND THE BRAIN

16.30-17.15- The language of music in Wagner (S Mauser, Munich)

17.15-17.45- Wagner today (P.Ferreira de Castro,Lisbon)

17.45 - Round Table: A synthesis

All the Speakers and the Audience (Chairmen: A Sena and R Zatorre)

18.30-End of the meeting

21- DINER

INVITED SPEAKERS

Armando Sena

Medicina Celular e Molecular, Faculdade de Ciências Médicas, Universidade Nova de Lisboa, Lisboa, Portugal

Daniele Schon

INCM-CNRS, Equipe Langage, Musique et Motricité, Institut de Neurosciences Cognitives, Université de la Méditerranée, Marseille, France

Helena Rodrigues

Centro de Estudos de Sociologia e Estética Musical (CESEM). Laboratório de Música e Comunicação na Infância, Faculdade de Ciências Sociais e Humanas, Universidade Nova de Lisboa, Lisboa, Portugal

Lutz Jancke

Institute of Psychology, Department of Neuropsychology, University of Zurich, Zurich, Switzerland

Paulo Maria Rodrigues

Departamento de Comunicação e Arte, Universidade de Aveiro, Aveiro, Portugal

Paulo Ferreira de Castro

Centro de Estudos de Sociologia e Estética Musical (CESEM), Departamento de Ciências Musicais, Faculdade de Ciências Sociais e Humanas, Universidade Nova de Lisboa, Lisboa, Portugal

Robert Zatorre

Department of Neurology and Neurosurgery, Montreal Neurological Institute, McGill University, Montreal, Quebec, Canada

Siegfried Mauser

Hochschule Fur Musik und Theater, Munchen, Germany

Stefan Koelsch

Cluster of Excellence «Languages of Emotion», Department of Education and Psychology, Freie Universität Berlin, Berlin, Germany

Timothy Griffiths

Cognitive Neurology, Newcastle University Medical School and Newcastle Hospitals NHS, Wellcome Trust Centre for Neuroimaging, University College, London and Centre for the Neural Basis of Hearing, United Kingdom

Virginia Penhune

Department of Psychology, Laboratory for Motor Learning and Neural Plasticity, Concordia University, Montreal, Quebec, Canada

Prof. Doutor Armando Sena

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