

WHEN ART MEETS SCIENCE

Project of Maastricht University
and Jazz Maastricht Foundation.

**WHEN
ART
MEETS
SCIENCE**
— 2016 —

**A NEUROSCIENTIFIC
PERSPECTIVE ON ART**

WHEN ART MEETS SCIENCE

Making the
invisible visible

SAT. MARCH 19
01.00PM - 04.30PM

Theater aan het Vrijthof
Bovenzaal
Vrijthof 47 Maastricht

Reservations:
jeanhaesen@jazzmaastricht.com

PRESIDENCY

Prof. Dr. Luc Soete,
Rector Magnificus Maastricht University.

INTRODUCTIONS

Beatrice de Gelder, Professor of Social and Affective Neuroscience at Maastricht University. Dr. De Gelder is leading the University's Brain and Emotion Laboratory. Her main areas of expertise are visual and audio-visual affective processes related to the perception of faces and bodies as well as auditory affective signals.

Elia Formisano, Professor of Neuroimaging Methods, Analysis of Neural Signals at Maastricht University. Dr. Formisano is the Scientific Director of the Maastricht Brain Imaging Centre. He will focus on the perception of sound by blind people.

Ron Heeren, was appointed in 2014 as distinguished professor and Limburg Chair at

Maastricht University. He is the director of the Maastricht MultiModal Molecular Imaging institute, M4I. Images play a pivotal role in his research and are used to understand processes of change in "living" systems, from man to materials.

GUEST SPEAKER & PERFORMANCE ARTISTS

Prof Antonio Camurri, Professor at DIBRIS-University of Genova. He teaches "Human Computer Interaction" and "Multimodal Systems". His research interests include multimodal interfaces, computational models of non-verbal expressive gesture, emotion and KANSEI information processing, non-verbal social behavior, sound and music computing, multimodal interactive systems for theatre, music, dance, museums, and for therapy and rehabilitation. During the seminar he will artistically explore the interaction between sound and movement in an interdisciplinary project called *Emobodies*.

Gross Dance Company, led by choreographer & Artistic Director Sagi Gross work together with Prof. Antonio Camurri in *Emobodies*. The G.D.C. has received large international exposure with their DanceFilm 'Silent Force' which was presented at the Louvre (Paris) and during the Cinedans Festival at EYE (Amsterdam).

Bert van den Brink, graduated cum laude in 1982 from the Utrecht Conservatory. Becoming an accomplished pianist, he worked together with the likes of Toots Thielemans, Gino Vannelli, DeeDee Bridgewater and Chet Baker. He will cooperate with the Emobodies-project and give a short solo-performance.

SEMINAR

1:00 pm Reception at Theatercafé

1:30 Opening by Prof. Dr. **Luc Soete**, Rector Magnificus Maastricht University
Introduction by **Beatrice de Gelder**, Professor at Maastricht University.

Emobodies – Antonio Camurri

An interaction between computer, dance and music where non-verbal expressions are translated into sound to create interaction between these artistic and scientific disciplines. Blind pianist Bert van den Brink will react to the 'sound' of dance by the Gross Dance Company performance generated by a multimodal interactive system.

2:20 **Sounds without sight – Elia Formisano**
Hearing - our ability to perceive and decode sounds - is an extremely relevant brain function. Hearing works where vision fails, through the walls and in the dark. Blind people compensate for the lack of visual information with enhanced hearing. But how is that possible? Without sight, the brain adapts to the loss by remodeling itself.

3:00 Musical intermezzo by **Bert van den Brink (piano)**

3:20 **The Art of Science of Art – Ron Heeren**
Modern imaging research in particular produces beautiful imagery that in itself has tremendous esoteric value next to its scientific value. Images make invisible molecules and structures visible. The science of imaging is also applied to objects of cultural heritage. It is there where the art of science becomes the science of art.

4:00 Questions and Answers

4:30 End of Seminar

7:30 **JAZZ MAASTRICHT
FESTIVAL**

JAZZ MAASTRICHT FESTIVAL

MARCH 19 - 7.30 PM

The Jazz Maastricht Festival 2016 presents artists from different generations with depth, a unique sound and a distinct message. Shai Maestro (1987) is the voice of a younger generation of pianists who's expressiveness evokes new worlds where beauty, introspection and intensity merge. Joe Lovano (1952) is a world renowned saxophonist who combines a universal approach to music with a distinctive personal sound and outlook on playing. Laura Mvula moves beyond genres and, according to The Guardian, has even developed her own genre: Gospeldelia. She is undoubtedly a distinctive singer with a beautiful voice, strong charisma and meaningful lyrics.

Theater aan het Vrijthof, Vrijthof 47, Maastricht
Tickets: Regular €39, Students €19,50

For more information & tickets:

www.jazzmaastricht.com

LAURA MVULA
JOE LOVANO
SHAI MAESTRO TRIO

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