

# MINET Measuring the Impossible Network



## Second Workshop Awareness, Perception and Interpretation: *measurements vis-à-vis the complexity of life*

Rome, October 8-9, 2008  
Hotel Massimo D'Azeglio  
Via Cavour, 18

Local organiser

## LSC

Laboratory of Citizenship Sciences

In the framework of MINET project



FP6-NEST-MtI-project-043297  
NEST - Pathfinder Programme  
The Sixth Framework Programme (2002-2006)  
European Commission



## Organisers

MINET workshops and sessions at conferences are organised by Workpackage 4 members:

G.W.A.M. VAN DER HEIJDEN (*MINET Workpackage 4 Coordinator*), *Biometris, The Netherlands*

A. CANCEDDA, *Laboratory of Citizenship Sciences, Italy*

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The local organiser is

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## Websites

Information on the 2<sup>nd</sup> Workshop will be available on the MINET project website:

<http://www.measuringimpossible.net>

and on the LSC website:

[www.scienzecittadinanza.org](http://www.scienzecittadinanza.org)



## The Workshop

The workshop is organised in the framework of the MINET (Measuring the Impossible NETWORK) project, funded by the European Commission – 6th Framework Programme of Scientific and Technological Research. MINET aims to achieve a long-term integration and advancement of inter-disciplinary research and novel investigative methods for the measurement of multi-dimensional, complex phenomena which are mediated by the human perception and/or interpretation.

MINET workshops aim at achieving a deeper and wider understanding of the themes under investigation in the MtI field. They are a valuable opportunity for an exchange and transfer of knowledge among the various projects funded under the New and Emerging Science and Technology (NEST) – Measuring the Impossible (MtI) programme, to which MINET offers a space for dialogue.

The complexity of the investigated and measured phenomena is a feature shared by all MtI projects, which have human beings as object of study or as measuring instruments. The scientific study of topics such as haptic, visual or auditory perception, emotions, the mind-brain relationship, differences among individuals, quality of environments, products and services, and so on, poses remarkable challenges to scientists.

MtI projects are meeting these challenges on both a methodological level – by developing theories, models and techniques for measurement – and a substantive scientific level – by producing relevant results in their respective research fields.

The Rome workshop will be an occasion to share advancements, findings and achievements of projects, as well as problems encountered and solutions worked out, in an unrestricted dialogue among the disciplines, interdisciplines and applications areas of the physical, natural, psychological and social sciences that are involved in the MtI field.





## the programme



OCTOBER 8<sup>TH</sup>, 2008

Morning (9.00 am – 1.00 pm)

### Chairperson

GERIE W.A.M. VAN DER HEIJDEN, *MINET Workpackage 4 Coordinator, Biometris, The Netherlands*

### Welcome address

FABIO FEUDO, *Executive Director, Laboratory of Citizenship Sciences, Italy*

### Overview of MtI projects and introduction to workshop

GERIE W. A. M. VAN DER HEIJDEN, *MINET Workpackage 4 Coordinator, Biometris, The Netherlands*

ALESSANDRA CANCEDDA and GABRIELE QUINTI, *Laboratory of Citizenship Sciences, Italy*

GIOVANNI BATTISTA ROSSI, *MINET Workpackage 5 Coordinator, University of Genoa, Italy*

11.00 – 11.15 am – coffee break

### Presentation of MtI projects and discussion

■ **Brain Tuning** - Progress in the Braintuning Project  
DANIELA PERANI and CRISTINA SACCUMAN, *University of Milan, Italy*

■ **Closed** - Closing the Loop of Sound Evaluation and Design  
GUILLAUME LEMAITRE, *IRCAM, France*

■ **Syspaq** - Innovative Sensor System for Measuring Perceived Air Quality and Brand Specific Odours  
BIRGITTA BERGLUND, *MINET Coordinator, Stockholm University, Sweden*

1.00 – 2.30 pm – buffet lunch



OCTOBER 8<sup>TH</sup>, 2008

Afternoon (2.30 – 6.00 pm)

### Chairperson

ALESSANDRA CANCEDDA, *Laboratory of Citizenship Sciences, Italy*

### Presentation of MtI projects and discussion

■ **Percept** - From Video-Based Eyetracking to Imaging Brain Processes and Perceptual Consciousness  
SEBASTIAN PANNASCH, and BORIS VELICHOVSKI, *Dresden University of Technology, Germany*

■ **Monat** - The “Measurement of Naturalness”  
AGNIESZKA BIALEK, *National Physical Laboratory, United Kingdom*

■ **Syntax** - Measuring Feelings and Expectations Associated with Texture  
CHRISTIAN EITZINGER, *Profactor Produktionsforschungs, Germany*

■ **Somaps** - On the way to Measuring the Impossible: Possibly Impossible is ... Impossibly Possible  
RUPERT HOLZL, and DIETER KLEINBÖHL, *University of Mannheim, Germany*

■ **Cobol** - Communication with Emotional Body Language  
BEATRICE DE GELDER, *Tilburg University, The Netherlands*

■ **Feel Europe** - European Expert Platform for Measuring Human Feelings and Emotions  
WIGAND POPPENDIECK, *Fraunhofer Institute for Biomedical Engineering, Germany*

4.00 - 4.15 pm – coffee break



OCTOBER 9<sup>TH</sup>, 2008

Morning (9.00 am – 1.00 pm)

### Chairperson

JANKO DRNOVSEK, *MINET Workpackage 2 Coordinator, Ljubljana University, Slovenia*

### Presentation of MtI projects and discussion

■ **Bioemergences** - Cell Morphodynamics Measurement Uncertainty in the Phenomenological Reconstruction of Animal Embryogenesis  
NADINE PEYRIÉRAS and PAUL BOURGINE, *Centre National de la Recherche Scientifique, France*

■ **Fuga** - The Fun of Gaming: Measuring the Human Experience of Media Enjoyment  
NIKLAS RAVAJA, *Helsinki School of Economics, Finland*

■ **Memory** - Space and Time in the Brain  
MARIA CONCETTA MORRONE, *Università Vita-Salute S. Raffaele, Italy*

■ **Eyewitmem** - The Assessment of Eyewitness Memory: A Multi-Componential, Correspondence-Oriented Approach  
AINAT PANSKY, *University of Haifa, Israel*

■ **Mind Bridge** - The Measurement of Conscious Awareness  
MORTEN OVERGAARD, *Aarhus University Hospital, Denmark*

11.00 – 11.15 am – coffee break

### General discussion

### Conclusions

BIRGITTA BERGLUND, *MINET Coordinator, Stockholm University, Sweden*

GERIE W. A. M. VAN DER HEIJDEN, *MINET Workpackage 4 Coordinator, Biometris, The Netherlands*

1.00 pm – 2.30 pm – buffet lunch

