

Program schedule „Time and the conscious brain“

Monday, October 31, 2011

9.00 Welcome and introduction

9.15 **SESSION 1: “INDIVIDUAL DIFFERENCES IN TIME PERCEPTION”**

Christine Falter, Oxford, UK

Introduction and talks

A. **John Wearden** (*Keele University, UK*)

Timing processes in the elderly.

B. **Christine Falter** (*University of Oxford, UK*):

Timing processes in Autism Spectrum Disorders.

C. **Katya Rubia** (*King's College London, UK*):

Normal development of timing processes and their abnormalities in ADHD.

D. **Sylvie Droit-Volet** (*Université Blaise Pascal à Clermont- Ferrand, FR*):

Individual differences in the development of timing processes.

Discussant: **Valdas Noreika** (*University of Turku, FIN*)

11.05 Coffee break

11.25 **SESSION 1: “INDIVIDUAL DIFFERENCES IN TIME PERCEPTION”**

Christine Falter, Oxford, UK

Summary and general discussion

Noreika, Wearden, Falter, Rubia, Droit-Volet & audience

12.15 Lunch break

13.45 **POSTERS OF GRADUATE STUDENTS**

15.15 **SESSION 2: “BRAIN DYNAMICS AND CONSCIOUS TIME”**

Virginie van Wassenhove, Paris, FR

Introduction and talks

A. **Charles E Schroeder** (*Nathan Kline Institute, NY, USA*):

Neural temporal processes and oscillatory hierarchy.

B. **Andreas Kleinschmidt** (*CEA/NeuroSpin – INSERM, FR*):

Subjective time estimation and neural peak frequency.

C. **Virginie van Wassenhove** (*CEA/NeuroSpin – INSERM, FR*):

From temporal processes to subjective time across sensory modalities.

D. **Alan Johnston** (*University College London, UK*):

Visual adaptation and local clocks.

Discussant: **Michel Treisman** (*Prof. em. of University of Oxford, UK*)

17.05 Coffee break

17.25 **SESSION 2: “BRAIN DYNAMICS AND CONSCIOUS TIME”**

Virginie van Wassenhove, Paris, FR

Summary and general discussion

Treisman, Schroeder, Kleinschmidt, van Wassenhove, Johnston & audience

18.15 Dinner

Tuesday, November 1, 2011

9.15 **SESSION 3: “PSYCHOPHYSICAL INVESTIGATIONS OF TEMPORAL PROCESSING”**

Argiro Vatakis, Athens, GR

Introduction and talks

A. **Armin Kohlrausch** (*Technical University of Eindhoven, NL*):

The influence of stimulus characteristics on synchrony judgments: A role for visual prior information and apparent causality?

B. **Martin Lankheet** (*University of Wageningen, NL*):

Visual Asynchrony.

C. **Argiro Vatakis** (*ILSP, Athens, GR*):

Audiovisual Synchrony Perception: Evidence from simple to complex stimuli.

D. **David Burr** (*University of Florence, I*):

Temporal mechanisms of multi-modal binding.

Discussant: **Toemme Noesselt** (*University of Magdeburg, GER*)

11.05 Coffee break

11.25 **SESSION 3: “PSYCHOPHYSICAL INVESTIGATIONS OF TEMPORAL PROCESSING”**

Argiro Vatakis, Athens, GR

Summary and general discussion

Noesselt, Kohlrausch, Lankheet, Vatakis, Burr & audience

12.15 Lunch break

13.45 **KEYNOTE LECTURE:**

Till Roenneberg (*Ludwig-Maximilian University Munich, GER*)

Chronobiology: What's the real price of an alarm clock?

15.15 **SESSION 4: “THE BRAIN AND THE PRESENT NOW”**

Marc Wittmann, Freiburg, GER

Introduction and talks

- A. **A.D. (Bud) Craig** (*Barrow Neurological Institute, Phoenix, USA*):
Emotional moments across time: a possible neural basis for time perception in the anterior insula.
- B. **Julian Kiverstein** (*University of Edinburgh, UK*):
Minimal sense of self, temporality and the brain.
- C. **Jiří Wackermann** (*IGPP Freiburg, GER*):
Inner and outer horizons of time experience.
- D. **Barry Dainton** (*University of Liverpool, UK*):
Temporal consciousness.

Discussant: **Marc Wittmann** (*IGPP Freiburg, GER*)

17.05 Coffee break

17.25 **SESSION 4: “THE BRAIN AND THE PRESENT NOW”**

Marc Wittmann, Freiburg, GER

Summary and general discussion

Wittmann, Craig, Wackermann, Kiverstein, Dainton & audience

18.15 Dinner

Wednesday, November 2, 2011

9.15 **SESSION 5: “FUNCTIONAL PLASTICITY OF TEMPORAL PROCESSING”**

Dorothe Poggel, Delmenhorst, GER

Introduction and talks

- A. **Arash Sahraie** (*University of Aberdeen, UK*):
Training of temporal functions in blindsight patients.
- B. **Lutz Jäncke** (*University of Zurich, CH*):
Training of temporal functions and changes in neural networks of consciousness in musicians, synesthetes, and normal subjects.
- C. **John Stein** (*University of Oxford, UK*):
Temporal processing and dyslexia, therapies.
- D. **Dorothe Poggel** (*HWK, Delmenhorst, GER*):
Improvement of temporal processing in patients with vision loss during visual training.

Discussant: **Manfred Fahle** (*University of Bremen, GER*)

11.05 Coffee break

11.25 **SESSION 5: “FUNCTIONAL PLASTICITY OF TEMPORAL PROCESSING”**

Dorothe Poggel, Delmenhorst, GER

Summary and general discussion

Fahle, Sahraie, Jäncke, Stein, Poggel & audience

12.15 Lunch break

13.00 **End of symposium**

Session schedule:

Time	Program
0.00	Introduction (Discussant) – 10 min
0.10	Talk Speaker A (20 min + 5 min)
0.35	Talk Speaker B (20 min + 5 min)
1.00	Talk Speaker C (20 min + 5 min)
1.25	Talk Speaker D (20 min + 5 min)
1.50	Coffee break – 20 min
2.10	Summary of talks & discussion topic (Discussant) – 10 min
2.20	General discussion – 40 min
3.00	End of session