



6th Symposium on Behavioral Neurology
Lucerne, 28/29 April 2017

The Prefrontal Lobes: Executive and Social-cognitive Functions

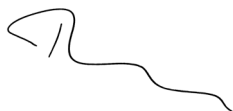
Editorial

Dear colleagues

It is our great pleasure to invite you to the 6th Symposium on Behavioral Neurology in Lucerne, Switzerland, taking place from April 28 to 29, 2017. The topic of the symposium will be «The Prefrontal Lobes: Executive and Social-cognitive Functions». Since the seminal work of Harlow who described peculiar behavior and personality changes in a patient with frontal lobe damage in 1868, many scientific advances have been achieved in these fields. Some of them will be presented at our symposium by renowned international experts.

Executive and social-cognitive dysfunctions undoubtedly belong to the most puzzling and intriguing symptoms patients with brain damage or disease might display. For example, impairments in planning, reasoning, concept formation, emotion recognition or empathy can have devastating effects on professional achievements and social interactions. Yet, if they occur in isolation – i.e. in patients with normal motor, sensory and basic language functions – or as relatively mild variants, these deficits tend to be overlooked or neglected still nowadays, for example in emergency units. A thorough understanding of executive or social-cognitive dysfunctions is therefore required, both from a clinical as well as a scientific point of view.

As evident in the list of speakers and talks, our symposium will cover a wide range of these impairments, providing a state-of-the-art overview of their clinical manifestation, conceptual background, neuroanatomical correlates and treatment options. We hope that our programme attracts many neurologists, neuropsychologists, cognitive neuroscientists, or further health professionals engaged in the treatment and care of these patients and look forward to inspiring talks and lively discussions.



Prof. Dr. Stephan Bohlhalter
Head Neurology and
Neurorehabilitation Center
Luzerner Kantonsspital



Prof. Dr. Thomas Nyffeler
Head Neurorehabilitation
Luzerner Kantonsspital



Dr. Tobias Pflugshaupt
Senior Neuropsychologist
Luzerner Kantonsspital

Speakers

Tim Shallice	Emeritus Professor; UCL Institute of Cognitive Neuroscience London, UK
Donald T. Stuss	Professor (Psychology & Neurology), Faculty of Medicine, University of Toronto, CAN
Bruce L. Miller	Professor of Neurology & Director of the Dementia Center, University of California, San Francisco, USA
John Duncan	Professor, MRC Cognition and Brain Sciences Unit, University of Cambridge, UK
Marco Catani	Head of the Natbrainlab; PhD; Institute of Psychiatry, Psychology and Neuroscience; King's College London, UK
Luciano Fasotti	Extraordinary Professor, Donders Centre for Cognition, Radboud University, Nijmegen, NL
Sarah MacPherson	PhD, Senior Lecturer; School of Philosophy, Psychology and Language Sciences, University of Edinburgh, UK
Marc Sollberger	PD Dr. med., Senior Physician, Department of Neurology, University Hospital Basel, CH
Olivia Geisseler	PhD, Clinical Neuropsychologist & Research Associate, University Hospital Zürich, CH
Julia Frey	M. Sc., PhD Student, Clinical Neuropsychologist, State Hospital Lucerne/Luzerner Kantonsspital, CH

Organised by

Neurology and Neurorehabilitation Center, Luzerner Kantonsspital

Programme

Friday, April 28, 2017

13:00 **Stephan Bohlhalter**
Welcome

13:15 **Chair: Tobias Pflugshaupt**
Introduction

13:30 **Tim Shallice, London, UK**
Fractionating the Supervisory System:
prefrontal processes in individual
cognition

14:30 **Donald T. Stuss, Toronto, CAN**
The other side of the coin:
social cognition and the prefrontal lobes

15.30 **Coffee Break**

16:00 **Luciano Fasotti, Nijmegen, NL**
The role of errorless learning in the
rehabilitation of executive dysfunctions

16:30 **Sarah MacPherson, Edinburgh, UK**
Impairment on the Cognitive Estimation
Test: a specific frontal executive or
general cognitive deficit?

17:00 **Julia Frey, Lucerne, CH**
Executive dysfunction in hemineglect
patients

17:30 **Discussion**

Saturday, April 29, 2017

8:45 **Chair: Thomas Nyffeler**
Introduction

9:00 **Bruce L. Miller, San Francisco, USA**
Recent advances in the science and
care of frontotemporal dementia

10:00 **Marc Sollberger, Basel, CH**
Early behavioral variant frontotemporal
dementia, its relation to psychiatric dis-
orders and facial emotion processing

10:30 **Olivia Geisseler, Zürich, CH**
Executive dysfunction in multiple
sclerosis

11:00 **Coffee break**

11:30 **Marco Catani, London, UK**
Frontal lobe networks: from Phineas
Gage to tractography

12:15 **John Duncan, Cambridge, UK**
Frontoparietal control systems in
the assembly of cognitive episodes

13:00 **General discussion**

Participation is free

Registration

There will be a registration table at the conference but we kindly ask for registration in advance under:
www.luks.ch/standorte/luzern/kliniken/zentrum-fuer-neurologie-und-neurorehabilitation-znn/symposium

Accommodation

The wonderful city of Lucerne offers a lot of nice accommodations in the city center. From there the hospital can easily be reached by bus or by foot in around 20 minutes.

Hotels in Lucerne:

www.luzern.com/en/hotel-unterkunft

Credits

SNG 10 points

Location

Luzerner Kantonsspital
6000 Lucerne
Switzerland
Lecture Hall, 3rd floor

Contact

If you need further information, please contact us by e-mail:
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