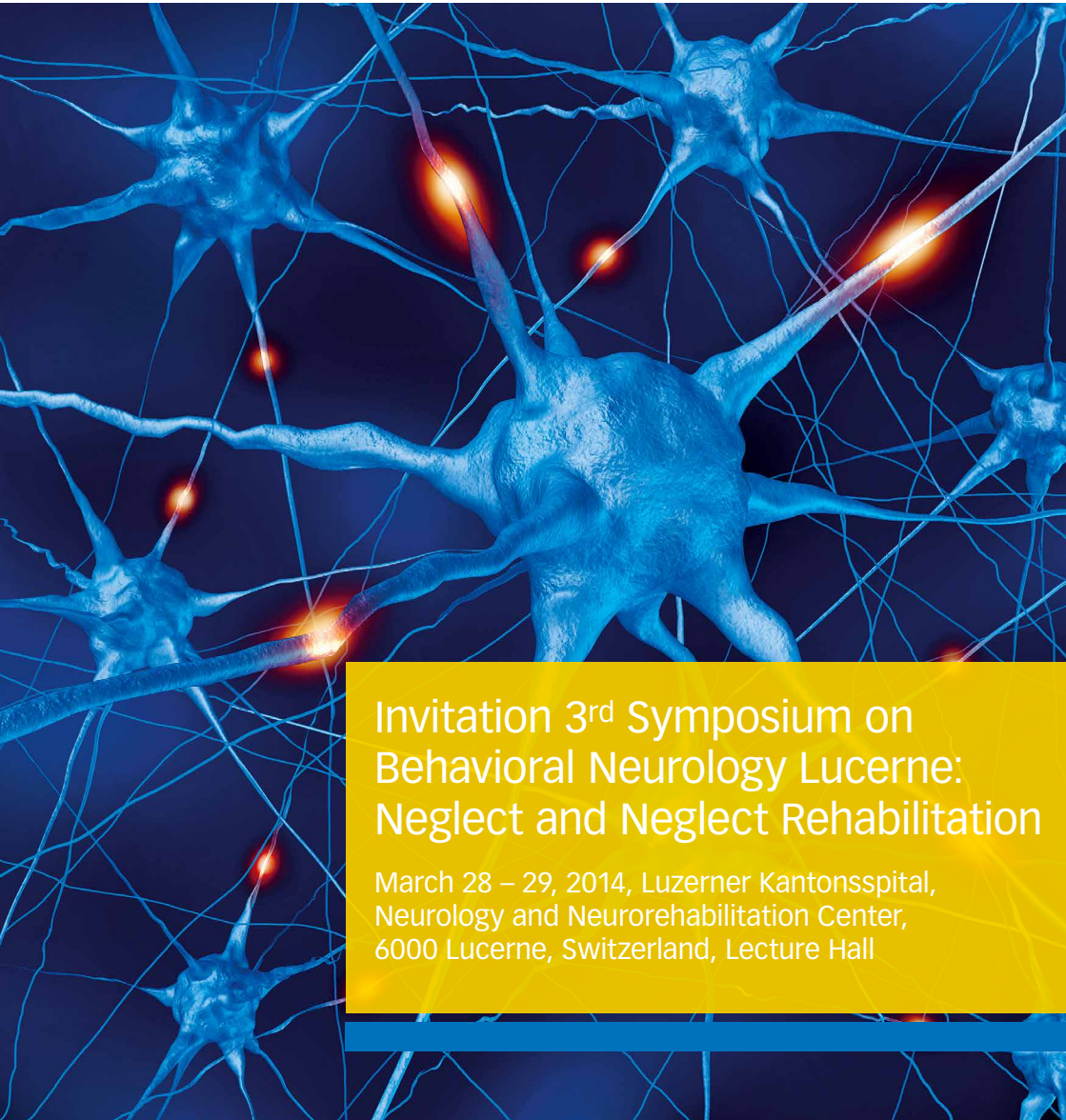




Neuropsychologische Ambulanz  
Universität Saarbrücken D



## Invitation 3<sup>rd</sup> Symposium on Behavioral Neurology Lucerne: Neglect and Neglect Rehabilitation

March 28 – 29, 2014, Luzerner Kantonsspital,  
Neurology and Neurorehabilitation Center,  
6000 Lucerne, Switzerland, Lecture Hall

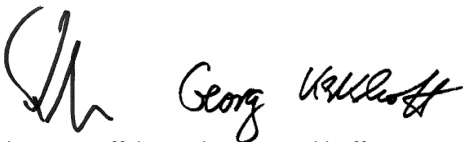
# Editorial

## Dear colleagues

It is our great pleasure to invite you to the third Symposium on Behavioural Neurology in Lucerne, Switzerland, devoted to the subject of «Neglect and its rehabilitation». Neglect is a common and severely disabling disorder, characterised by major impairments in attention and perception, and causing multiple difficulties in daily life. Despite spontaneous recovery, approximately a third of all patients still present with chronic neglect one year after stroke. Moreover, associated anosognosia impairs recovery and interferes with treatment. Empirical and theoretical approaches in the last decade have made enormous progress towards the understanding of the basic mechanisms underlying neglect, anosognosia, extinction, and related issues such as neglect dyslexia. These advances have been achieved through the application of novel techniques such as brain imaging, lesion-symptom mapping, fibre tracking, repetitive transcranial magnetic stimulation, and well-designed neuropsychological studies in patients.

The last decade has also seen substantial advances in neglect therapy. These advances have been brought about through the application of a variety of approaches, including specific drugs, theta-burst stimulation, optokinetic and galvanic-vestibular treatment, or hemifield eye patching. These treatments are time-effective, show multimodal effects, and also diminish non-visual spatial neglect signs/symptoms, improving awareness and reducing the disabilities of the patients in daily life.

We are delighted to announce that internationally renowned speakers as well as promising young scientists have agreed to participate. The Symposium will be of interest to neurologists, neuropsychologists, cognitive neuroscientists, and all those health professionals engaged in the treatment and care of neglect patients. We look forward to interesting lectures and lively discussions, and expect to stimulate future research and improved treatments of the neglect syndrome.

The image shows two handwritten signatures in black ink. The first signature on the left is a stylized, cursive 'TN' for Thomas Nyffeler. The second signature on the right is 'Georg Kerkhoff' written in a more legible, cursive hand.

Thomas Nyffeler and Georg Kerkhoff

# Programme

## Friday, March 28

13:00 **Stephan Bohlhalter, Lucerne, CH**  
**Thomas Nyffeler, Lucerne, CH**  
**Georg Kerkhoff, Saarbrücken, D**  
Welcome

### Neglect

13:10 **Maurizio Corbetta, St.Louis, USA**  
Spatial neglect and attention networks

13:55 **Paolo Bartolomeo, Paris, France**  
Damage to white matter pathways  
in neglect

14:40 **Masud Husain, Oxford, UK**  
Mechanisms underlying neglect and  
their modulation by drugs

15:25 **coffee break**

### Neglect Rehabilitation

15:55 **Thomas Nyffeler, Lucerne, CH**  
TBS as a therapeutic tool

16:25 **Dario Cazzoli, Oxford, UK**  
TBS can be used in neglect patients

16:55 **Adrian Guggisberg, Geneva, CH**  
Which patient profits from TBS?

17:40 **Discussion**

## Saturday, March 29

### Neglect

08:30 **Hans-Otto Karnath, Tübingen, D**  
Cortical lesions in neglect

09:15 **Anna Berti, Torino, I**  
Anosognosia in neglect and  
hemiplegia

10:00 **René Müri, Berne, CH**  
Visual exploration in neglect

10:45 **coffee break**

### Neglect Rehabilitation

11:15 **Georg Kerkhoff, Saarbrücken, D**  
Optokinetic treatment in neglect

12:00 **Lena Schmidt, Saarbrücken, D**  
Galvanic vestibular stimulation in  
neglect and extinction

12:45 **Stefan Reinhart, Saarbrücken, D**  
Neglect dyslexia:  
modulation & treatment

13:30 **Björn Machner, Lübeck, D**  
Hemifield Eye Patching

14:00 **Discussion and**  
**End of the Symposium**

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und Neglect- Therapie



[www.medicalcomputing.de](http://www.medicalcomputing.de)

**Participation in the symposium is free.**

### Registration

There will be a registration table at the conference but we would be grateful if you register in advance under:  
[www.luks.ch/standorte/luzern/kliniken/zentrum-fuer-neurologie-und-neurorehabilitation-znn/veranstaltungen](http://www.luks.ch/standorte/luzern/kliniken/zentrum-fuer-neurologie-und-neurorehabilitation-znn/veranstaltungen)

### Accommodation

The wonderful city of Lucerne offers a lot of nice accommodations in the city centre. 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](http://www.luzern.com/en/hotel-unterkunft)

### Credits

SNG 11 points

### Location

Luzerner Kantonsspital  
6000 Lucerne  
Switzerland  
Lecture Hall, 3<sup>rd</sup> floor

### Contact

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