



Forum for  
Bevissthetsforskning  
FORUM FOR CONSCIOUSNESS RESEARCH



DET NORSKE  
VIDENSKAPS-AKADEMI  
The Norwegian Academy of Science and Letters

**OPEN MEETING 29 April 2015:**



**Prof. Steven LAUREYS**

Leader of the *Coma Science Group* at the *Cyclotron Research Centre*, University of Liège, Belgium

***Eyes Wide Open, Brain Wide Shut?***

***(un)consciousness in the vegetative state***

**Wednesday, April 29, 18.00-20.00**

in ***The Norwegian Academy of Science and Letters/***

***Det Norske Videnskaps-Akademi***, Drammensveien 78, 0271 Oslo.

Programme:

- 18.00 – 18.05** Opening by Professor **Øivind Andersen**, Secretary General of *The Norwegian Academy of Science and Letters*
- 18.05– 18.10** Introduction by Professor **Johan F. Storm**, Neurophysiology, University of Oslo
- 18.10– 19.00** **Lecture by Professor Steven Laureys**
- 19.00– 19.10** 10 minutes break
- 19.10– 20.00** Panel discussion and questions from the audience

**Dr. Laureys leads the *Coma Science Group* at the *Cyclotron Research Centre* of the University of Liège. He is clinical professor of neurology at the Liège University Hospital, and chair of the *World Federation of Neurology's Coma and Disorders of Consciousness Research Group* and of the *European Neurological Society's Subcommittee on Coma and Disorders of Consciousness*. Since 2009, he is invited professor at the Royal Academy of Belgium..**

See [http://en.wikipedia.org/wiki/Laureys' team assesses the recovery of neurological disability and of neuronal plasticity in severely brain damaged patients with altered states of consciousness by means of multimodal functional neuroimaging](http://en.wikipedia.org/wiki/Laureys%27_team_assesses_the_recovery_of_neurological_disability_and_of_neuronal_plasticity_in_severely_brain_damaged_patients_with_altered_states_of_consciousness_by_means_of_multimodal_functional_neuroimaging). It aims at characterizing the brain structure and the residual cerebral function in patients who survive a severe brain injury: patients in coma, vegetative state, minimally conscious state and locked in syndrome. These patients represent a problem in terms of diagnosis, prognosis, treatment and daily management. Second, these patients offer the opportunity to explore human consciousness. These patients present a complete, nearly graded, range of conscious states from unconsciousness (coma) to full awareness (locked-in syndrome). This research confronts clinical expertise and bedside behavioral evaluation of altered states of consciousness with state-of-the-art multimodal imaging combining the information from positron emission tomography (PET), functional magnetic resonance imaging (fMRI), structural MRI, electroencephalography (EEG), event related potential (ERP) and transcranial magnetic stimulation (TMS) data.

**Johan F. Storm,**

***All are welcome!***

Forum for  
Bevissthetsforskning  
FORUM FOR CONSCIOUSNESS RESEARCH

<http://bevissthetsforum.no>  
<http://www.dnva.no/>

**Sponsored by SERTA:**  
***The Changing Brain***