

## Referees:

### Jana Bryjova

Graduated in clinical psychology at the Humboldt University, Berlin. She had been lectured on Neuropsychological Gesture Coding System and worked from 2006 to 2010 as a student assistant at the Department of Psychosomatic Medicine in Dresden and Jena. Since 2008, she has been involved in development of the NEUROGES interactive learning CD. Since 2011, she has worked as an assistant to the Chair of Clinical Psychology at the Department of Psychology, University of Fribourg, Switzerland.

### Hedda Lausberg

Full Professor of Neurology, Psychosomatic Medicine, and Psychiatry at the German Sport University Cologne. Co-founder of the Berlin Gesture Center. Her main research interest is the neuropsychology of movement behavior, i.e., the relation between movement behavior and cognitive, emotional, and interactive processes. Furthermore, she focuses on method development in movement analysis. She has developed the NEUROGES-system and the BAST-system.

### Harald Skomroch

Since 2009, student assistant at the Department for Neurology, Psychosomatic medicine, and Psychiatry at the German Sport University Cologne where he graduated in 2011. He has been holding workshops on NEUROGES and internal rater trainings since 2011. He is graduate assistant at the same department working on different projects investigating hand movement behavior as well as interpersonal coordination.



## NEUROGES – A coding system for hand movement behavior and gesture

### Information and Registration

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### Deadlines for registration

Seminar 1 until 1.12.12  
Seminar 2 until 1.2.13  
Seminar 3 until 1.4.13

### Location

Departement of Psychology  
University of Fribourg  
2, Rue de Faucigny  
Fribourg, Switzerland

Maximum capacity: 12 participants

## The NEUROGES Training

### Seminar 1: Theoretical and Empirical Background of the NEUROGES System, NEUROGES Module I, and ELAN Basics 3.12. - 4.12.2012

#### NEUROGES - A coding system for the empirical analysis of hand movement behavior as a reflection of cognitive, emotional, and interactive processes

The NEUROGES Coding System is a research tool for the empirical analysis of spontaneously displayed hand movement behavior that accompanies interaction, cognitive processes, and emotional experience. NEUROGES is designed for diagnostic purposes as well as for basic research, i.e., to further explore the anatomy of hand movement behavior and its relation to cognitive, emotional, and interactive processes. Fields of application are interaction analysis incl. psychotherapy, psychodiagnostics, and experimental and clinical neuropsychology. In a multi-stage evaluation process resulting in more and more fine-grained units, the behavior is segmented and classified according to the kinesic criteria. The objectivity, reliability, and validity of the NEUROGES categories and values have been tested in several research studies, thus far including 263 participants, healthy adults as well as patients with brain damage or mental disease. The analysis of the group differences in hand movement behavior as well as kinetographic and brain imaging studies provide evidence that the NEUROGES categories and values are associated with specific cognitive, emotional, and interactive processes.

#### The NEUROGES Training

The training in the NEUROGES system comprises three seminars:

- Seminar 1: Theoretical and Empirical Background of the NEUROGES System, NEUROGES Module I, ELAN Basics  
**3. - 4.12.2012**
- Seminar 2: NEUROGES Modules II and III, ELAN Advanced, Interrater Agreement in Behavior Segmentation  
**13. - 15.2.2013**
- Seminar 3: NEUROGES Specifications and Interaction Coding  
**11. - 12.4.2013**

Each seminar can be booked separately. However, for the participation in Seminars 2 and 3, knowledge of the content of the previous seminar(s) is strongly recommended.

#### 3.12.12 Background NEUROGES, ELAN Basics, Module I Activation and Structure categories

09:00 – 10:30	Aims and Theoretical Background of the NEUROGES System
10:45 – 12:15	ELAN Basics and the NEUROGES-Template
13:30 – 15:00	Module I Activation: Introduction and Coding with NEUROGES-ELAN
15:30 – 17:00	Module I Structure: Introduction
17:30 – 18:30	Module I Structure Coding

#### 4.12.12 Module I Structure and Focus categories, Empirical Research, and Interactive CD

9:00 – 10:30	Module I Focus Introduction
10:45 – 12:15	Module I Focus Coding
13:30 – 15:00	Recent Empirical Studies on Module I; Interactive CD Introduction

**Seminar fee:** 250 €, reduced 125 €;

If all 3 seminars are booked: 400 €, reduced 200 €

(Included in the fee is the NEUROGES Coding Manual, the NEUROGES template, an interactive training CD, and the exams / certificates)

**Reduced fee for students and unemployed people.**