

## Joint Research Agreement

between Prof. Dr. Per Bergamin, Dr. Egon Werlen, UNESCO Chair on Personalized and Adaptive Distance Education (PADE) of the Swiss Distance University of Applied Sciences (FFHS), Brig, Switzerland and Dr. Yvonne Kammerer, Leibniz-Institut für Wissensmedien (IWM), Tübingen, Germany; Welten Institute, Open University of the Netherlands, Heerlen; Netherlands

### Goals

The goal of this agreement is the continuation of the collaborative work of ratings (subjective ratings by students and lexical ratings) of emotional short texts that we actually do in the COST Action E-READ (WG 1, Paris Group) and further collaboration in this domain.

The collaboration is intended to lead to one or several research projects with a third-party funding.

A second aim is the production and publication of several scientific papers.

### Collaboration in text ratings

The work of the Paris Group in the Working Group 1 of the COST Action E-READ is advancing and will end with the publication of the database of subjectively rated emotional short texts. For the German language, we have the advantage that a lexical rating with the Berlin Affective Word List (BAWL) is easy and works well. This permits to make further analyses and opens new research questions. Further, we can contribute with other relatively new methods in measuring the emotional reactions with FACS and eye tracking while people are reading texts. Out of this, we will develop new research questions to apply for research grants, which permit us to do experiments and field studies and scientific publications. The results of these studies should help to develop new tools for adaptive learning.

### Publications and Authorship

The work done in text ratings will result in at least two scientific publications related to the following issues:

- Correlation and prediction of subjective ratings with automated ratings
- Why does arousal give more measuring problems?

The Authorship of the publications is defined by contribution of the participating authors.

### Costs

The costs are beard independently in both institutions.

### Future projects

Both research partners declare the will to continue a future collaboration with the aim to acquire funds for common research projects.

Place, Date

Brig, 02.11.2017

Dr. Egon Werlen



Place, Date

Brig, 02.11.2017

Prof. Dr. Per Bergamin



Place, Date

Tübingen, 7.11.2017

Dr. Yvonne Kammerer

