

IS1404 E-READ: Evolution of Reading in the Age of Digitization

Position papers

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WG(s): WG1

1. **Potential research contribution** in light of, or linked to

A. WG interest and Scientific programme:

In our new research project* (an intervention project in Secondary Education) we will focus on how students answer different questions after reading multiple expository texts -a task which is similar to the ones students will find in PISA tests-. And we will compare what happens when students read from digitalized sources versus paper ones. We are also considering incorporating metacognitive judgments.

Therefore, we expect to contribute to the WG interest by providing new evidence on:

- The differences between reading multiple expository texts from paper versus reading from digitalized texts on comprehension (deep vs. superficial comprehension), in school settings.
- The impact of reading multiple texts in different supports on metacognitive judgments.
- The impact of the intervention on comprehension and metacognition in both conditions.

The instruments used will be questionnaires, reading and writing software, screen captures and data will be mostly qualitative.

* LEAC (Reading, writing and Knowledge Acquisition) research group, in the University of Barcelona –Spain

We are willing to establish relationship and collaboration with other research teams that focus on studying the impact of digital features on reading, to prepare the intervention and to better understand the outcomes. We would also like to collaborate with researchers whose focus is on metacognitive judgments.

B. Action objectives (pages 7-10 in the MoU):

From the research we conduct we expect to:

- provide evidence-based recommendations to educational practitioners and policy makers.

We expect to provide evidence on the impact of the intervention on comprehension outcomes from reading multiple texts on Secondary Education.

- facilitate joint scientific publications and new interdisciplinary, collaborative research projects.

- establish long-term theoretically and methodologically innovative research collaboration;

I consider these two objectives together, because from the collaborations we aim at establishing with other researchers, we expect to publish joint scientific articles and to develop new collaborative research projects, constructing new theoretical and methodological knowledge.

- facilitate exchange of researchers (juniors and early career researchers). We would like that our doctoral students could participate in a training school and get to know different kind of instruments and methods to carry out new research. We are also open to hosting doctoral students.

2. Interest in

*A. organizing and/or participating in a **short-term scientific mission (STSM)**.*

I would like to participate in a STSM (probably just for a week), with Dr. Thierry Baccino to get more knowledge about the impact of different features and variables of electronic reading that could be involved when reading digitalized expository texts in the context of the classroom, and how these variables can (or can not) be controlled. This information would be important to specify the intervention in our new research project. Therefore the STSM should take place before the month of August of the present year -the intervention will start on September 2015-.

*B. organizing and/or participating in a **Training School** (please indicate what kind of training [theoretical; methodological; technical]).*

In the future we could contribute to a training school providing information about conducting intervention research -theoretical, methodological-.