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

Position paper

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WG(s): **WG1 Continuing/skilled (PISA-age) reading**

1. **Potential research contribution** in light of, or linked to
A. WG interestand Scientific programme:

In light of the focus of WG1, I am particularly interested in how students react to paper vs. a digital device, how that helps them process information and allows them to retain knowledge. What do they prefer for sientific work or information seeking – paper or digital device? How likely are they to prefer paper vs. a digital device? How do paper properties influence their mind, abbility of reading, understanding and remembering? Will size, color, optical properties, touch and feel of paper make a difference for them? The possibilities are endless.

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

The main objectives for me are to collect information and provide a competitive education policy and pedagogies built on empirically derived knowledge of the effects of technology on reading.
Expected deliverables will give me the information about:
- Collections of existing empirical data on digital text reading. Interdisciplinary paradigms for measuring the impact of digitization on text reading;
- Relevant indicators of reading (different kinds of texts) on paper vs. screens;
- Recommendations for industry (developers and publishers of e-books, textbooks, and educational software);
- Recommendations for the pedagogical field;

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

Optional: pursuing what research questions/projects; where to/with whom; linked to what objective(s) of the Action:

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

Optional: linked to what objective(s) of the Action:

I would like to participate at theoretical or technical Training School in the field of paper or digital device properties.