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

Position paper

Name: Simon Krek

WG(s): WG1

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

A. WG interest and Scientific programme:

My research interests are: lexicography and lexicogrammar, corpus linguistics, natural language processing, language technology infrastructure and computer-assisted language learning and teaching, all in connection with the Slovene language. In the years 2008-2013 I coordinated a project (http://eng.slovenscina.eu/) which produced web portals dedicated to the investigation of the real problems that pupils and students encouter when writing in standard Slovene, offering them explanations and solutions to these problems in an interesting and easy-to-understand form – on the web. The project was based on the premise that the concept of reference works and textbooks on languages will radically change in digital environment and aimed at providing new solutions. Part of the project was also dedicated to the technical issues of visualising large collections of language data. General topics addressed were reading literacy, comprehensibility and readability, particularly in connection with Natural Language Processing tasks. Within E-READ action I would like to continue to work on these topics and develop international cooperation with other members.

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

I believe my main contribution would be to the objective: to provide recommendations for optimal text/content design for educational publishing and to facilitate joint scientific publications and new, radically interdisciplinary, collaborative research projects (esp. across humanities/social sciences and natural sciences) – since I work in the intersection of linguistics, language learning/teaching and Natural Language Processing fields.

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:

No.

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:

No.