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

## Position paper

Name: Serkan Sendag

WG(s): WG2 Developmental aspects of reading

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

I am currently involved in a two-year research project funded by TUBİTAK (The scientific and technological council of Turkey) as principle investigator. The main goal of the project is to improve higher education learners' second language learning skills through tablet PCs. In this project we are investigating the effect of reading on the tablet screen as a learning support on the acquisition of second language listening comprehension skills. In addition, we have the opportunity to evaluate effect of reading on the tablet screen as learning support on B2- level higher education second language learners' higher order listening comprehension skills such as analysis and inference. In this study we have been studying reading on the tablet screen as independent variable.

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

The action's objectives have promoted establishing theoretical and methodological innovative research activities between researchers. Thus, I am planning to study "deep reading/critical reading" as a major interest of mine. With this regard, I want to conduct research studies investigating the developmental aspects of deep reading via different media. Recently, I have started to review the literature about deep reading and ICT. In this project, I am hoping to corporate with the collages in the group and submit a horizon 2020 project in 2015.

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:

I would like to be involved in the studies investigating the associations between higher order cognitive skills and improving deep reading via mobile devices. I am also very interested in measures of brain activities and neuropsychology. However, I have no experiences about this topic. I am currently taking neuroscience and brain courses from Harvard Edx MOOCs.

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 am very willing to improve my knowledge and experience on neuro-diagnostic measurement. Nowadays, I am searching for neuro-diagnostic technology training opportunities.