

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

Position paper

Name: Mehtap Tufan

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

WG3 Experiential and emotional aspects of reading

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

A. WG interest and Scientific programme:

Actually I am at the bottom of the ladder. I am doing my Ph.D. in Computer Education and Instructional Technology Department at Middle East Technical University. I am specifically interested in qualitative research and special education. When reading about the research I thought that adding people who needs special education like hearing impaired or visually impaired person, can make contributions to the research results and provide equal solutions for all people.

For WG1, I can contribute to the qualitative studies. I took courses about qualitative research in my Ph.D. program and also I am using this research method in my Ph.D. thesis. Also I can contribute while working with blind or deaf people who can give detailed information about the impact of reading devices, display characteristics, tasks, type of texts or attention.

For WG3, I can contribute to the experiments. My undergraduate and graduate program are Computer Education and Instructional Technology, we learned in these programs how to use technology and how to measure the effect of technology usage. Therefore, I can be useful in these experiments. Also, hearing impaired or visually impaired people can be added to these experiments and I can work with them.

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

As a junior researcher, I am eager for developing my career via evidence-base, long-term collaborative research projects. In addition to that, I also tried to prepare my thesis as a grant project. I and my advisor prepared and applied a proposal about my thesis to a national science council (TUBITAK). It is in evaluation process. I am keen to be a part of this collaborative research project.

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 want to participate in psychophysiological measures (e.g., heart rate, pupil dilation, skin conductance response) in WG3 experiments in order to understand the effect of digital interface features on emotional and experiential aspects of literary reading. I want to observe and analyze the data generated. That may support “providing recommendations for optimal

text/content design for educational publishing and facilitating exchange of researchers, prioritizing juniors and early career researchers”.

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 want to be trained about the psychophysiological measures (e.g., heart rate, pupil dilation, skin conductance response) before participating in a mission. I want to learn all possible details of this measurement. This intention can be linked to the objectives aforementioned in 2.A