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COST MC Chair Dr. Argiro Vatakis
COST Action TD0904
Time in Mental Activity (TIMELY)

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Dear Dr. Argiro Vatakis,

I am writing to you in order to report the results of my short visit to the IPEM, Dept. of Musicology at the Ghent University in Belgium which was funded by TIMELY (Reference code: COST-STSM-ECOST-STSM-TD0904-190212-014846).

During the five days of my STSM, I worked with Dr. Marc Leman and Dr. Leon van Noorden in designing and acquiring some pilot measurements for an experiment regarding the extension of finger-tapping paradigms into a more situated and embodied task of synchronization-continuation including simple dance steps. Within a very friendly environment this short collaboration, allowed us to pre-set in accuracy all the interstimulus and intertrial intervals for the experimental task. The set up is now precisely defined and all the stimuli to be used are chosen. We considered any other parameters that should be taken into consideration, as we discussed and exchanged ideas with all the members of the lab, leading to small modifications and corrections, in order to ameliorate the experimental procedure in total. Additionally, I was trained in the use of the Motion Capture System that was available in the lab and was the main reason for this collaboration initially. With all the experimental details sorted out, we are now ready to actually run the experiments in the near future.

In accordance with the general purposes of TIMELY investigating time perception, with the present experiment we aim to investigate the ability of synchronizing with an external pacer, measuring the temporal accuracy and the maintenance of this acquired pace after the extinction of the external stimulus. More

specifically, this study aims to contribute to the objectives of TIMELY's Working Group 3: *Temporal perception of complex, multisensory events*.

I would like to express my sincere gratitude to TIMELY for supporting this project, I feel honored and I acknowledge that without this funding none of these ideas would have been put into action.

Yours sincerely,
Helena Sgouramani