

Tuesday, July 7, 2015

TO: DR FRANCESCO GUERRA  
COST Action IC1302 MC Chair

CC: PR YANNIS VELEGRAKIS  
STSM HOST

### STSM report

<b>Applicant</b>	Manolis Wallace
<b>Applicant's institution</b>	University of the Peloponnese, Greece
<b>Title</b>	Consideration of semantics in the analysis of citations
<b>Duration</b>	13/6/2015-21/6/2015
<b>Host</b>	Yannis Velegrakis
<b>Host institution</b>	University of Trento

Dear Sirs,

please allow me to start this report by stating my gratitude to COST Action IC1302 for its support and to Dr. Velegrakis for his hospitality. For me this has been an immensely fruitful cooperation and I consider the costs that I have covered "money well spent"; I hope COST will make the same assessment for the part it has supported.

Regarding the expected content of this report:

#### Purpose of the STSM

The STSM "Consideration of semantics in the analysis of citations" had the dual goal to 1) explore the possibility of a research cooperation between myself and Dr. Velegrakis and 2) transfer know-how and good practices related to the set up and operation of a research laboratory.

#### Description of the work carried out during the STSM

The STSM had a duration of one working week and focused on the exchange of information. During this week I had the chance to visit the University of Trento and specifically the facilities of the Department of Information Engineering and Computer Science. The exchange of information was bi-directional as I had the opportunity to 1) present my own

group ΓAB LAB and the research work performed there and 2) meet the researchers and students of dbTrento and discuss their own research interests and plans.

#### Description of the main results obtained

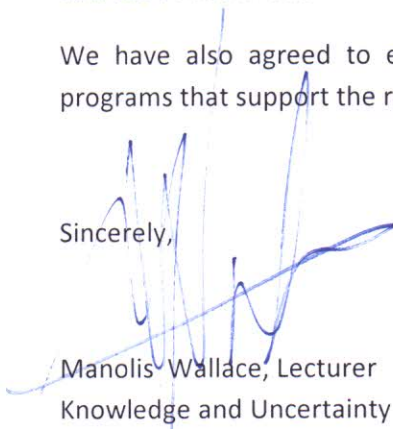
- (1) Possibility to collaborate in research: Having acquired a deeper understanding of each other's current research interests, we have come to identify the assessment of scientific impact as the most prominent area for cooperation. Specifically we plan to explore how ΓAB LAB's work on the analysis of citations can be combined with dbTrento's work on social reputation analysis, in order to produce a comprehensive and hopefully more fair measure of a researcher's scientific impact.
- (2) Research group organization and operation: Research groups in Greece and Italy are faced with a number of different administrative and funding difficulties. Still there are many areas in which the experiences shared by Dr. Velegrakis regarding the set up, funding, day to day operation and long term planning of dbTrento can be directly applied in a Greek setting. This information will be used to shape the next steps towards the development of the newly established ΓAB LAB in the University of the Peloponnese.
- (3) Other exchanges: The contacts made during the STSM helped reveal that a software developed by ΓAB LAB can be used to address a research problem faced by Cristian Consonni, one of dbTrento's PhD students.

#### Future collaboration with the host institution

The duration of the STSM was such that only permitted for preliminary cooperation, in which we established the topics of our future cooperation. As explained above, we foresee cooperation in the area of the automated assessment of scientific impact based on different sources of information.

We have also agreed to explore the possibility to seek joint funding through regional programs that support the research cooperation between Greek and Italian entities.

Sincerely,



Manolis Wallace, Lecturer  
Knowledge and Uncertainty Research Laboratory  
Department of Informatics and Telecommunications  
University of the Peloponnese