

COST Action IC1205 on Computational Social Choice: STSM Report

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During this STSM on "Preferences and ratings in social networks", which took place between the 13/01/2016 and the 20/01/2016, I worked with Paolo Turrini on finalising a research project initiated in 2015 during Paolo's STSM on "Networked strategic reasoning in collective decisions" in Toulouse. This project is a game-theoretic study of rating systems based on a social network, starting from the current approach taken by webpages such as Tripadvisor. The idea is to study the bribing problem from the "restaurant" perspective, assessing different degrees of availability of information and their effects on the efficiency of bribing. The research visit has been quite productive, and we have finalised a first full paper on the topic, which have been submitted to IJCAI-2016.

During the STSM I also paid a one-day visit to Edith Elkind and Markus Brill at the Department of Computer Science at Oxford University, to advance an ongoing collaboration on the topic of preference diffusion on a social network. This visit has been useful in preparing a draft of second paper that has been submitted to IJCAI-2016.

Overall, this STSM allowed me to strengthen existing collaborations with both Imperial College and the University of Oxford, and to advance my research and that of my co-authors on the topic of social choice on social networks.