

INSITE

Measuring, Quantifying and Modeling Processes of Scientific Knowledge Creation and Propagation in Online Societies

ECLT - Ca' Foscari University of Venice, 18-19 September 2012

Dorsoduro 3246, Venice

Crowd sourcing scientific knowledge production (Citizen Cyber Science) has celebrated its first wave of successes. It is sometimes seen as an unexpected new way of doing science in the future. CCS is often formulated and presented in the form of scientific discovery games, involving the interaction and coordination of people and groups through online platforms. With these platforms it becomes possible for the first time to monitor and understand the processes of knowledge production on a quantitative basis. This workshop brings together experts from a diverse range of fields to discuss the question how these developments can be used for a next-generation science and education. The workshop will focus on issues of next-generation science and education, designed serendipity, machine learning, massive data analysis, online game design, and sociological implications

Tuesday, 18th Sept. Program

09:00 – 09:30 Welcome by **David Lane**, University of Modena and Reggio Emilia and ECLT, Venice

Session 1 - Citizen Science, Crowdsourcing & Contemporary forms of education: visions

09:30 – 11:00 **Francois Taddei**, (CRI, Paris)

Ariel Lindner, (CRI, Paris)

11:00 – 11:20 *Break*

Session 2 - Quantifying and classifying emotions in new media

11:20 – 12:40 **Bosiljka Tadic** (JSI, Ljubljana)

Marja Mitrovic (AALTO, Helsinki)

12:40 – 14:00 *Lunch*

Session 3- Games for education

14:00 – 15:30 **Hilmi Quraishi** (New Delhi)

15:30 – 15:50 *Break*

Session 4 - University as a computer game (vision)

15:50 – 16:30 **Stefan Thurner (MUW, Vienna)**

16:30 – 17:30 **Discussion**

20:00 *Dinner*

Wednesday, 19th Sept. Program

Session 5 – Gameification - example

09:30 – 10:30 **Christos Tsiapalis (MUW, Vienna)**

10:30 – 10:50 *Break*

Session 6 - Quantitative building blocks

10:50 – 12:00 **Peter Klimek (MUW, Vienna)**

Rudolf Hanel (MUW, Vienna)

12:00 – 13:30 *Lunch*

Session 7- Discussion: Potential for concrete projects? F. Taddei (discussion leader)

13:30 – 15:30 **F. Taddei (discussion leader)**

15:30 – 16:00 *Break*

16:00 – 17:00 **Final resumes and closing**