



# KNOWeSCAPE

PEERE MEETING ON "TAKING STOCK OF PEER REVIEW"

&

2ND WORKSHOP ON SIMULATING THE SOCIAL PROCESSES OF SCIENCE  
(SSPOS II)

JOINTLY ORGANIZED BY:

TD1306 COST ACTION PEERE

TD1210 COST ACTION KNOWESCAPE

SCHOOL OF ENGINEERING, UNIVERSITY OF VALENCIA

VALENCIA, SPAIN.

8TH - 11TH MARCH 2016

THIS MEETING AIMS TO DISCUSS PEER REVIEW IN SCIENCE FROM AN INTERDISCIPLINARY PERSPECTIVE THAT COMBINES QUANTITATIVE AND QUALITATIVE ANALYSES. IT WILL INCLUDE EXPERIMENTAL AND DATA-DRIVEN ANALYSES, AS WELL AS CROSS-SECTORAL COLLABORATIONS BETWEEN SCIENTISTS AND STAKEHOLDERS. IT HOSTS THE SECOND EDITION OF THE **WORKSHOP ON SIMULATING THE SOCIAL PROCESSES OF SCIENCE**, IN WHICH SIMULATION SCIENTISTS WILL DISCUSS ABOUT SCIENCE AS A COMPLEX SYSTEM. INNOVATIVE VISUALISATION TECHNIQUES AND ADVANCED DATA ANALYSIS WILL PROVIDE AN UNIQUE PERSPECTIVE ON THE EVOLUTION OF PEER REVIEW AND SCIENCE IN AN INCREASINGLY COMPLEX RESEARCH AND PUBLICATION LANDSCAPE.

INVITED SPEAKERS:

WARREN THORNGATE (CARLETON UNIVERSITY, CANADA)

DAVID MOHER (OTTAWA HOSPITAL RESEARCH INSTITUTE, CANADA)

NICOLAS PAYETTE (UNIVERSITY OF QUÉBEC AT MONTREAL, CANADA)

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CARLOS ALBERTO GONZÁLEZ ALARCÓN (UV)  
JÚLIA VIVES-CARDETE (UV)

TUESDAY, 8TH MARCH 2016

OCTUBRE CENTRE DE CULTURA CONTEMPORÀNIA  
ROOM 1

- 09:00 Registration.
- 09:30 TD1306 and TD1210 Introduction by Flaminio Squazzoni (PEERE Chair) and Frank Schweitzer (KNOWeSCAPE MC member).
- 10:30 *Social processes of science consumption: peer review versus public interest?* (**W. Thorngate**)
- 11:30 Coffee break.
- 12:00 *Temporal analyses of peer review networks from WoS.* (**A. Ferligoj and V. Batagelj**)
- 12:30 *Modelling the effect of low funding rates on innovative research.* (**P. Sobkowicz**)
- 13:00 Lunch.
- 15:30 *Quality vs. sexiness: The rival qualities of papers in the competition for academics' attention.* (**N. Payette and C. Watts**)
- 16:30 *Scientist strategies under the spotlight: A game theory-inspired simulation model of peer review.* (**F. Bianchi, G. Bravo, L. Cadavid, F. Grimaldo and F. Squazzoni**)
- 17:00 *Network effects on peer review: An empirical analysis on a multidisciplinary journal.* (**P. Dondio, N. Casnici and F. Squazzoni**)
- 17:30 Coffee break.
- 18:00 Open discussion.
- 19:00 Closing.
- 19:30 Social event.
- 21:00 Casual dinner and music.

WEDNESDAY, 9TH MARCH 2016

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ROOM 0.2.4

- 10:00 *Training peer reviewers: evidence-based core competences.* (**D. Moher**)
- 11:00 Coffee break.
- 11:30 *Training on peer review: Some evidence from Wiley.* (**M. Willis**)
- 12:00 *With a little help from your friends: The impact of social networks on publication success.* (**F. Schweitzer**)
- 12:30 *The potential drawbacks of open peer review: A simulation model of scientist behaviour.* (**F. Bianchi and F. Squazzoni**)
- 13:00 Lunch.
- 15:30 Working groups (parallel sessions).
- 16:30 Coffee break.
- 17:00 Working groups (parallel sessions).
- 18:00 Closing.
- 21:00 Social dinner.

THURSDAY, 10TH MARCH 2016

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ROOM 0.2.4

- 10:00 *Qualitative synthesis of peer review: preliminary results.* (**M. Malicki, C. Cullen, A. Marusic, D. Sambunjak and K. Shankar**)
- 10:30 *Croatian open access journals peer review: guidelines and policies.* (**J. Stojanovski**)
- 11:00 Coffee break.
- 11:30 *Motivations for reviewing manuscripts submitted to Elsevier journals.* (**M. Malički and B. Mehmani**)
- 12:00 *First steps towards modeling peer review as a reputation system.* (**M. Paolucci, J. Sabater-Mir and F. Grimaldo**)
- 12:30 *The evolution of the scientific community through the peer review dynamics in a multidisciplinary journal.* (**P. Dondio, J. Kelleher, N. Casnici and F. Squazzoni**)
- 13:00 Lunch.
- 15:30 Working groups.
- 16:30 Coffee break.
- 17:00 PEERE MC meeting (restricted to MC members).
- 19:00 Closing.

FRIDAY, 11TH MARCH 2016

CENTRE CULTURAL LA BENEFICÈNCIA  
ALFONS EL MAGNÀNIM CONFERENCE HALL

- 09:30 *Evolutionary computation in the peer review process. Can computers replace editors?* (**M. Mrowinski, A. Fronczak, P. Fronczak, O. Nedic and M. Ausloos**)
- 10:00 *A motivational model of peer review.* (**M. Seeber and S. Ballezzi**)
- 10:30 *A systematic review of motivations in peer review: Some preliminary results.* (**Mahmic-Kaknjo, Malicki, Utrobicic, Sambunjak and Marusic**)
- 11:00 Coffee Break.
- 11:30 *Aggregating ratings leads to peer review-based metrics.* (**R. Valentin Florian**)
- 12:00 WG reports and discussions.
- 13:00 Lunch.
- 15:00 WG sessions and collaboration projects.
- 18:00 Closing.