



Strategic Interest Group 12 – Research Methods & research Practice

<http://www.euram-online.org/annual-conference-2017.html>.

Dear EURAM members and friends,

With our theme **“Managing Knowledge: Making Knowledge Work”**, we invite you to participate in debate about how we can use and develop our knowledge better so that solving problems and dealing with issues can become more effective. We look forward to receiving your submissions.

T 12_02 The New Frontier Combining Computational, Qualitative, and Quantitative Methods

Proponents:

Davide Secchi, University of Southern Denmark, secchi@sdu.dk

Edoardo Mollona, University of Bologna (Italy), edoardo.mollona@unibo.it

Stefano Armenia, University of Rome–Sapienza (Italy), armenia@dis.uniroma1.it

Description:

With the increase in processing machine power, computational and mathematical techniques (CMT) are on the rise in the entire spectrum of science. Although CMT find a traditional home in the natural sciences, they have recently been increasingly used and developed within the social sciences as well (Gilbert & Troitzsch, 2005; Miller & Page, 2007). Some have started advocating the use of these techniques to expand the theoretical reach of management and organizational research (e.g., Mollona, 2008; Fioretti, 2013; Secchi, 2015). Consequently, applications of CMT to management are also increasing, for example with particular attention to organizational behavior (Secchi & Neumann, 2016), strategic management (Lee et al., 2013), social responsibility (Okada, 2011), and innovation (Antonelli & Ferraris, 2011; Dunn & Gallego, 2010).

An extremely relevant methodological innovation associated with CMT is the creation of research using spurious multi-method approaches. A very interesting development is that of associating CMT to qualitative findings (Edmonds, 2015), for example extrapolating parameters from grounded theory (Neumann, 2015). Matching CMT with quantitative experimental or survey designs are also of particular interest (Windrum et al., 2007; Moss, 2008). This topic aims at attracting those who are exploring theory and practice of multi-methods, in an attempt to merge qualitative, quantitative, and computational and mathematical modeling and simulation. The topic aims at attracting papers that target any method and that provide directions on how to develop multi-method and or hybrid approaches to empirical and theoretical analysis.

Proponents of this topic aim at attracting research that establish, describe, and develop the application of a wide variety of computational and mathematical techniques to management and organization research by integrating them with more traditional methodological approaches (Edmonds, 2015; Sterman, 2000). Papers relevant to this topic may include but are not limited to system dynamics (Roberts, 1983), discrete-event simulation (Brailsford et al., 2014), agent-based modeling, social network analysis, cellular automata (Miller & Page, 2007), Monte Carlo simulations, and the more traditional varieties of equation-based models and simulations (Gilbert & Troitzsch, 2005). We also aim at attracting methodological points, case study applications, technical advancements, software developments and applications, epistemological and philosophical views, and studies that simply apply computational and/or mathematical techniques broadly defined. In an attempt to develop and grow the application of this set of techniques to management and organization research, more critical and/or skeptical points are extremely welcome.

Publish:

The following are contacts with whom we are in contact and that expressed interest in computational and mathematical techniques to one of us:

1. Springer contact in New York for an edited book (depending on the number of submissions)
2. Team Performance Management: the editor is very keen on CMT (P. Curseu, the editor, appears in our reviewers list)
3. Evidence-Based Human Resource Management: editor is very keen on CMT (we are in contact with the associate editor, F. Homberg)
4. IJASS, IJMABS are two additional journals that may be interested in this topic, given that Stefano served as guest editor for one and is in the editorial board of the other

Journals that are a natural host for these topics:

1. Journal of Artificial Societies and Social Simulation: we know and are in contact with the editor (F. Squazzoni; his name appears in our reviewers list)
2. Computational and Mathematical Organization Theory: we publish in this outlet and know the editors are interested

All options are subject to submission quality and quantity.

For more information:

Contact the proponents above mentioned.

Submission Deadline: 10 January 2017 (2 pm Belgian time)

Authors Guidelines and Submission Deadline:

As an author, it is crucial to follow the guidelines and formatting instructions to prepare and submit your paper in order to have it published in proceedings.

ONE PRESENTING AUTHOR PER PAPER SUBMISSION

Each individual is limited to one personal appearance on the programme as a presenting author. This policy precludes acceptance of papers for more than one presentation. In other words, **an author can submit and present only one paper**. However, a presenter can always be a non-presenting co-author on additional papers.

Please read the instructions carefully prior to submitting:

1. Each paper can only be submitted to ONE track.
2. Submitted papers must NOT have been previously published and if under review, must NOT appear in print before EURAM 2017 Conference.
3. To facilitate the blind review process, remove ALL authors identifying information, including acknowledgements from the text, and document/file properties. (Any submissions with author information will be automatically DELETED; author information and acknowledgements are to be included in a SEPARATE document).
4. The entire paper (title page, abstract, main text, figures, tables, references, etc.) must be in ONE document created in PDF format.
5. The maximum length of the paper is 40 pages (including ALL tables, appendices and references). The paper format should follow the [European Management Review Style Guide](#).
6. Use Times New Roman 12-pitch font, double spaced, and 1-inch (2.5 cm) margin all around.
7. Number all of the pages of the paper.

8. No changes in the paper title, abstract, authorship, track and actual paper can occur AFTER the submission deadline.
9. Check that the PDF File of your paper prints correctly and ensure that the file is virus-free. Submissions will be done on-line on the EURAM 2017 website (open as of 1 December 2016: see <http://www.euram-online.org/annual-conference-2017.html>.)
10. Only submissions in English shall be accepted for review.
11. In case of acceptance, the author or one of the co-authors should be available to present the paper at the conference. A presenting author can only present one paper at the conference.