

Title of the Track

LARGE SCALE IMPLEMENTATIONS AND IT MEGAPROJECTS

Short Description of the Proposed Track

Most theories of IT driven change are based on the assumption that the decision maker about the implementation of a technology is a manager or a leader in the organization where the technology has to be implemented. However, there are many cases - especially in large IT implementations and IT programs - where the decision maker is external to the organization that has to implement the technology. These can be cases where one organization pushes a technology to many related organizations. This happens in supply chains, governments, platforms etc. For the receiving organization, the technology is not freely chosen but it is externally mandated.

In sectors like food production, healthcare, public service, and in all major supply chain networks we find evidence that single organizations try - and often succeed - to mandate the adoption of specific IT solutions across a very broad slate of organizations. Indeed, in these sectors the effects of the transformational goals that IT can achieve (S. Gregor, Martin, Fernández, Stern, & Vitale, 2006) can only be harvested if the entire network adheres to a new - IT supported - way of working: an electronic patient record system is only effective if an entire national health system uses it (Currie and Guah, 2007); a food traceability program is only effective if IT makes food traceable through the supply network (Carugati, Fernandez, Mola, and Rossignoli, 2016); a national taxation system is only effective if all municipalities use the same IT for local taxation (Floropoulos, Spathis, Halvatzis, Tsipouridou, 2010)

While the information systems (IS) literature presents several studies of how specific organisations implement new IS (e.g. Chu & Smithson, 2007; Kaylor, Deshazo, & Van Eck, 2001; Klein & Krcmar, 2006; Senyucel, 2008; Stalk, Evans, & Shulman, 1992), there is little work conducted on organisations attempting to mandate large scale IT implementations (Mignerat & Rivard, 2009). Success factors, power relations, sectorial organization and governance still need further research. Little is known to explain why certain transformational efforts are successful while others are failures. These processes still need more understanding and theorizing.

This track wants to present to latest research on the processes, challenges, and success factors in large IT implementations and IT Megaprojects. This will include, but will not be limited to:

- Mandated IT Systems in Supply Chains
- Mandated Systems in Government

- Technology in Platforms
- Multisite ERP Implementations
- Strategic IT Programs
- IT Megaprojects and change
- Acceptance processes
- Diffusion Processes
- Distributed IT projects
- Diversity and IT implementation
- Inter-organizational Enterprise Architecture Initiatives
- Inter-organizational power relations
- Power relations in networks
- Coercions and repercussions
- Institutional field studies
- System-level studies
- Institutionalization of technology

The track will be happy to accept various submission forms including: full research papers, research in progress papers and workshops.

Updated biography is presented at the end.

Publishing Opportunities in Leading Journals

Research relevant for this track is accepted and published in the main IS and Strategy Journals as well as Management Journals. Examples include:

- European Journal of Information Systems
- Information Systems Journal
- Management Information Systems Quarterly
- Journal of IT
- Strategic Management Journal
- Research Policy
- Administrative Science Quarterly
- Academy of Management Journal
- International Journal of Project Management

The track chairs have been co-authors of the paper recently appeared on Information Systems Journal (Carugati, A., Fernández, W., Mola, L., & Rossignoli, C. (2016). My choice, your problem? Mandating IT use in large organisational networks. *Information Systems Journal*).

The track chairs are in talks with EJIS for a special issue on the topic.

Track Co-Chairs

ECIS 2018 TRACK 21

“BEYOND DIGITIZATION - FACETS OF SOCIO-TECHNICAL CHANGE”, 23RD -28TH, JUNE, 2018, IN UNIVERSITY OF PORTSMOUTH, UK, FOR THE 26TH EUROPEAN CONFERENCE ON INFORMATION SYSTEMS

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	Short Biography	Andrea Carugati is Professor of Information Systems and Innovation at the Aarhus School of Business and Social Sciences (Aarhus University). Andrea's research focuses on the strategic impact of technology, on IT driven organizational change, and on the mandated deployment of information technology in organizational networks. Andrea Carugati has published, among others, on the European Journal of Information Systems, Information Systems Journal, Database for Advances in Information Systems, at the International Conference on Information Systems, and at the European Conference on Information Systems.
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3	Name - Surname	Lapo Mola
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	Short Biography	Lapo Mola is Associate Professor at Skema Business School (Université Côte d'Azur), and member of the KTO (Knowledge, Technology and Organization) Research Center, Sophia Antipolis France. Lapo Mola's research focuses on organizational and inter-organizational impacts of information systems,. Lapo Mola has

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		published, among others, in European Journal of Information Systems (EJIS), European Journal of Operational Research (EJOR), Electronic Markets (EM), and at the International Conference on Information Systems (ICIS), at the European Conference on Information Systems (ECIS) and at the Academy of Management Meeting
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