

# ECIS 2018 TRACK PROPOSAL FORM

"BEYOND DIGITIZATION - FACETS OF SOCIO-TECHNICAL CHANGE", 23<sup>RD</sup> -28<sup>TH</sup>, JUNE, 2018, IN UNIVERSITY OF PORTSMOUTH, UK, FOR THE 26<sup>TH</sup> EUROPEAN CONFERENCE ON INFORMATION SYSTEMS

## Knowledge Management

### Short Description of the Proposed Track

Many knowledge management (KM) scholars have emphasized the importance of (big) data, information, and knowledge assets for decision support, management, and leadership, thereby clearly indicating the relation between human beings and technology. However, various powerful digital technologies have led to substantial changes in KM practices in recent years.

Consequently, this track raises the question whether and how digitization changed or changes the socio-technical aspects related to KM. With respect to both the increasing influence of digital technologies and the meaning of KM for organizations' daily business, directly influencing competitive advantage and business development, we believe that this research topic has the potential for valuable contributions to both theory and practice.

Main goal of the proposed track is to gather current research trends with a focus on KM in more and more digital environments. KM has become an interdisciplinary research field - the traditional gap between researchers from a technology-oriented versus a human-oriented angle has been bridged by holistic, socio-technical approaches. We currently see strong developments towards research on digital KM tools (such as the use of social software for business and private purposes) as well as towards entire digital business models (such as multi-sided online platforms or networks and online communities). What additionally need to be addressed are developments complementary to digitization, for instance geographical dispersion, communication across time zones, or national/cultural influence factors. Particularly, collaboration takes place in different social or cultural environments enabled by digital technologies. Due to the usage of collaborative technologies such as social software, organizational and national boundaries become more blurred and knowledge can be diffused much easier. Openness and inter-organizational collaboration build the digital pathway of rich, contextualized and sustainable knowledge sharing activities among networked persons within and beyond organizational boundaries. Going a step beyond, such developments have to be assessed carefully. Besides undisputable benefits, one might think of negative outcomes such as a limited work-life balance. Furthermore, in an increasingly globally distributed world, organizations and knowledge workers are required to exploit relationships with others and to gain benefits out of such relationships. All this takes place in digital environments and leads to enormous changes of KM-related socio-technical aspects which are rather under-researched, so far.

Motivated by the interest in the emerging field of KM and digitization, the proposed track aims to promote multi-disciplinary contributions dealing with a managerial, an economic, a methodological, a cultural or a socio-technical perspective. Submissions based on theoretical research, design research, action research, or behavioral research are encouraged. We welcome both full research papers and research in progress papers.

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## Topics of interest include, but are not limited to:

- KM in the digital age
- From technology-oriented towards human-oriented KM in digital environments
- Impact and diffusion of new digital technologies for KM within organizations
- Social and behavioral issues in KM
- Mobile technologies and social software usage in KM
- KM and digital learning
- Cross-organizational, cross-border and cross-cultural KM enabled by digital technologies
- Capturing and sharing knowledge in social networks and distributed contexts
- KM in the cloud
- Support for mature KM solutions: KM governance, KM strategies, KM maturity models, and KM performance
- KM and securing and protecting knowledge in digital environments
- KM and risk management
- KM for digital competency development
- KM and the demographic change

## Selected Bibliography:

- Alavi, M., & Leidner, D. E. (2001). Review: Knowledge Management and Knowledge Management Systems: Conceptual Foundations and Research Issues. *MIS Quarterly* 25(1), 107-136.
- Bharati, P., Zhang, W., & Chaudhury, A. (2015). Better knowledge with social media? Exploring the roles of social capital and organizational knowledge management. *Journal of Knowledge Management*, 19(3), 456-475.
- Jennex, M. E., Smolnik, S.; Croasdell, D. T. (2016). The Search for Knowledge Management Success. Proceedings of the 49th Hawaii International Conference on System Sciences (HICSS-49).
- Leonardi, P. M. (2015). Ambient Awareness and Knowledge Acquisition: Using Social Media to Learn “Who Knows What” and “Who Knows Whom”. *MIS Quarterly* 39(4), 747-762.
- Newell, S. (2015). Managing knowledge and managing knowledge work: what we know and what the future holds. *Journal of Information Technology*, 30(1), 1-17.
- Pawlowski, J. M., Bick, M., Peinl, R., Thalmann, S., Maie, R., Hetmank, L., Kruse, P., Martensen, M., & Pirkkalainen, H. (2014). Social Knowledge Environments. *Business & Information Systems Engineering*, 6(2), 81-88.
- Schultze, U., & Leidner, D. E. (2002). Studying Knowledge Management in Information Systems Research: Discourses and Theoretical Assumptions. *MIS Quarterly* 26(3), 213-242.

## Publishing Opportunities in Leading Journals

We will start negotiations on potential special issues for outstanding papers with “Information Systems Management” or “Electronic Markets - The International Journal on Networked Business” (accompanied by an open call for the corresponding special issue) immediately after notification about this proposal.

For example, we organized a special issue for selected papers of our ECIS 2012 track that has been published in “International Journal of Business Intelligence Research” in summer 2013. In addition, we frequently pointed editors to authors of outstanding papers in our past ECIS tracks.

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## Further Information on the Proposed Track and its History

The history of the track that we would like to propose for ECIS 2018 has (re-)started in 2012. We started with a “Business Intelligence & Knowledge Management” track, which became a “Business Analytics and Knowledge Management” two years ago. For ECIS 2016, the track was renamed to “Knowledge Management” from the Conference Co-Chairs but still covered business intelligence/analytics aspects besides the knowledge management research stream. For ECIS 2017, it was decided to submit two track proposals reflecting both research streams as suggested by the Conference Co-Chairs. We decided to keep this for recent proposal(s).

In the last six years, we managed 298 submissions, accepted 102 papers, and organized/chaired 25 conference sessions as part of ECIS. With an average of almost 50 submissions per year, the track has become one of the largest tracks at ECIS.

Conference	Track Name	Track Chair	Track Co-Chairs	Submissions	Accepted	No. of Sessions
ECIS 2012 Barcelona	BI & KM	Dinter	Smolnik	79	28	7
ECIS 2013 Utrecht	BI & KM	Janiesch	Bick, Dintern, Smolnik	59	23	7
ECIS 2014 Tel Aviv	BI & KM	Dinter	Bick, Janiesch, Smolnik	37	13	2
ECIS 2015 Münster	BA & KM	Bick	Dinter, Janiesch, Popovic, Smolnik	52	16	4
ECIS 2016 Istanbul	KM	Smolnik	Bick, Dinter	42	14	3
ECIS 2017 Guimaraes	KM	Smolnik	Bick	29	8	2

Table: Recent History of the BI/BA & KM Track

## Track Co-Chairs

1	Name - Surname (primary contact)	Markus Bick
	Title	Professor
	E-mail	mbick@escpeurope.eu
	Affiliation	ESCP Europe Wirtschaftshochschule Berlin, Business Information Systems, Germany & France, United Kingdom, Italy, Spain, Poland
	URL	<a href="http://www.escpeurope.de/wi">http://www.escpeurope.de/wi</a>
	Short Biography	Markus Bick is Professor for Business Information Systems at ESCP Europe Business School Berlin, Germany. He earned his doctorate in Business Information Systems from the University of Duisburg-Essen, Germany. His current research interests include global knowledge management, ambient and mobile knowledge and learning environments, convergence of e-learning and knowledge management as well as digital competencies.

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		<p>Markus Bick is co-author of a German textbook on data and information management. He published his research work in renowned international journals like Information Systems Management, Electronic Markets or Business Information Systems Engineering as well as peer-reviewed conferences such as ECIS, WI, or HICSS. Besides, Markus has co-chaired tracks or minitracks at conferences like ECIS, AMCIS, and HICSS, among others, and has acted as both an AE and a reviewer at ICIS. In addition, he is a senior editor of Information Systems Management and associate editor for Electronic Markets or reviewer for journals like JIT or BISE, to name a few.</p>
2	Name - Surname	Stefan Smolnik
	Title	Professor
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	Affiliation	University of Hagen, Faculty of Business Administration and Economics, Germany
	URL	<a href="http://www.fernuni-hagen.de/bas/">http://www.fernuni-hagen.de/bas/</a>
	Short Biography	<p>Stefan Smolnik is Professor and Chair of Business Information Systems at University of Hagen, Germany. Before joining University of Hagen, he was an assistant professor at EBS Business School, Germany. Stefan Smolnik holds a doctoral degree from University of Paderborn, Germany. He has done research on the success and performance measurement of information and knowledge management systems, which has included several benchmarking studies. In addition, he is interested in the successful organizational implementation of social software.</p> <p>Stefan Smolnik's work has been published in well-reputed international journals and conference proceedings such as Journal of Strategic Information Systems, Business &amp; Information Systems Engineering, International Journal of Knowledge Management, Business Process Management Journal, and the proceedings of ICIS, ECIS, and HICSS. He has co-chaired tracks or minitracks at conferences like ECIS, AMCIS, and HICSS, among others, and has acted as both an AE and a reviewer at ICIS. In addition, he is a reviewer for journals like MISQ, JMIS, JSIS, ISJ, and BISE, to name a few. For further information please refer to: <a href="http://www.stefan-smolnik.de/2013/07/services.html">http://www.stefan-smolnik.de/2013/07/services.html</a>.</p>

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## Track Associate Editors

The following list includes AEs from the past six ECIS conferences. As the current review process is still on-going, we have not contacted them yet. However, as most AEs have already served since the first ECIS BI & KM track in 2012, we are quite confident that they would agree again.

1	Name-Surname	Dirk Basten	
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