Track n. 4 - Digital Ecosystems: Trends, Perspectives and Opportunities

The current socio-economic reality is influenced by the continuously development of digital technologies and characterized by increasing levels of turbulence and dynamicity. This phenomenon represents a great opportunity for exploring and exploiting new models, frameworks and practices in order to make organizations succeed effectively in this new reality.

In this context, digital technologies play a pivotal role in the development of a digital ecosystem (Nachira, 2002) where members of a community, individuals and organizations, interact with each other through processes supported by fluid digital environments (Graca and Camarinha-Matos, 2017). The actors of the ecosystem coevolve their capabilities and role in an interdependent manner (Moore, 1996).

A growing number of organizations are in the process of transforming their business through the development of a digital strategy (Porter & Heppelmann, 2015; Bughin & Zeebroeck, 2017). The effectiveness of such processes is still widely debated in literature, as there isn't a dominant reference model or best practices yet (Puchinar et al. 2018).This continuous evolution poses important challenges, risks, and opportunities. Thus, discussing research-based contributions and analyzing the organizational readiness facing this digital evolution are the two main foundation' pillars of this track.

The goal of this track is to provide an environment where IS and management researchers can share, discuss and highlight the main trends, challenges and opportunities for enhancing theoretical contribution as well as managerial implications of digital ecosystems' effectiveness.

Authors are encouraged to submit research in progress as well as complete full papers presenting empirical and conceptual contributions to advance knowledge in the field of Digital Ecosystems. Topics of interest include, but are not limited to, the following:

- Implications of digital ecosystems in relation to individual behavior and social interactions
- The adoption of digital ecosystems at individual and/or group levels
- New forms of learning (formal and informal), training and assessment models fostered by digital ecosystems
- Development and use of applications, artifacts and services supported by digital ecosystems
- The digital transformation of organizations: the role of new digital ecosystems in the organizational context
- New business models or strategies relying on digital ecosystems (e.g. from products to services, omnichannel strategies merging electronic and mobile commerce)
- Organizational, social, and ethical issues arising with new digital ecosystems.
- Privacy and confidentiality issues of digital ecosystems
- Blockchain technology as enabler of new digital ecosystems

References

Bughin, J., Zeebroeck, N. Van (2017), The Best Response to Digital Disruption The Best Response to Digital Disruption, MIT Sloan Management Review, 58(4), 80-86

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Moore, J. F. (1996), The death of competition: leadership and strategy in the age of business ecosystems, HarperCollins Publishers

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Type of contributions invited:

> We invite full research papers, research-in-progress papers, experience-in-the-field reports and case reports. Both empirically and/or theoretically grounded.

Track Co-Chairs	
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Name – Surname	Jessie Pallud
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Submission

Submissions will be evaluated through a standard blind review process. Track chairs will ensure anonymity of the review process.

Authors are highly encouraged to seek guidance from Track Chairs prior submitting the paper. We highly encourage authors to formalize this process by sending an abstract to the Track Chairs to receive feedback and guidance. Formal submission must specify the track that they are intended for. The page limit for contributions submitted in English is equal to 12 pages (maximum). Formatting rules (LNCS Springer format) are available at this link:

http://www.springer.com/it/computer-science/lncs/conference-proceedings-guidelines

Deadline for encouraged abstract submission: April 21, 2019
Deadline for full paper submission: **May 20, 2019**