

Knowledge Futures: AI, Technology, and the New Business Paradigm

IFKAD 2025
2-4 JULY 2025
NAPLES, ITALY

CALL FOR ABSTRACTS – IFKAD 2025

Special Track n.: 18

Thematic Area: KM, Organizational Systems and Innovation

Complexity Approaches to Support New Knowledge and Business Development

Description

To address “nowadays challenges” (i.e. digital and energy transitions, social and economic sustainability, global crises, AI pervasiveness) and build knowledge futures, new approaches are needed for knowledge management and new business models’ development. These approaches are required in order to take into account the increasing complexity of organizations, business, and innovation ecosystems.

Complexity today represents a useful approach to adequately address research issues concerning knowledge and innovation management in business and innovation systems. Indeed, these systems are Complex Adaptive Systems characterised by non-linear relationships between their constitutive elements, heterogeneity, self-reflexivity, emergent properties, self-organisation, expectations, and continuous dynamic adaptation. Complex systems are composed of interdependent agents that can be found anywhere on multiple scales, from the macro-meso level, which includes industries, markets, and ecosystems, to the micro level, which involves firms, work teams, and individuals. In particular, through the complex systems approach it is possible to study the ecosystems in which organisations evolve, the dynamics of knowledge and innovation, the role of technological advancements that shape new business and organizational models. The aim of this track is to attract theoretical, methodological, empirical, and practical contributions that use complexity to address knowledge and innovation management issues in business environments, considering, in particular, the role of AI, of new technologies, and the emergence of new business models.

Particularly appreciated are the papers that adopt innovative methodologies rooted in Complexity Science (e.g.: Networks and Social Network Analysis, Agent-based modelling and simulation, System Dynamics, Artificial Intelligence , etc..). We invite researchers who investigate the drivers and issues related to complexity in knowledge and innovation management systems, value chains, business ecosystems, supply chains in different business sectors.

Keywords

complexity, innovation, networks, knowledge

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Organizers

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Guidelines

Researchers wishing to contribute are invited to submit an **EXTENDED ABSTRACT** (in editable format) of **min 500 and max 1000 words** not later than **31 JANUARY 2025**, using the submission procedure available on the website. The abstract should address theoretical background, research objective, methodology, and results in terms of expected contribution to Knowledge Management theory and practice. Authors are required to follow the guidelines for both extended abstracts as well as full papers available on IFKAD site: www.ifkad.org

Important dates

31 January 2025	<i>Extended Abstract submission deadline</i>
24 February 2025	<i>Acceptance notification to authors</i>
20 April 2025	<i>Early-Bird registration cut off</i>
02 May 2025	<i>Full paper submission deadline</i>
31 May 2025	<i>Registration deadline</i>
2-4 July 2025	<i>Conference sessions</i>

For further information

For any information related to the event, please see the event website at www.ifkad.org or contact the conference manager at info@ifkad.org