

TRACK INFORMATION

Title: Shaping Future Collaborative Innovation Processes: Exploring the Roles of 4.0 Technologies and Organizational Culture

Outline (max. 300 words):

In the I4.0 era, disruptive technologies such as blockchain, IoT, BigData, AI, perceived reality and remote control can facilitate the distribution of digitized information and the execution of specific activities within a collaborative project (Rialti et al., 2020). Yet, the huge potential of collaborative innovation has still to be untapped in I4.0 era and there is a need to explore how technologies can open new paths for partnership and innovation (Messeni Petruzzelli et al., 2022).

Along with the technological aspect, the adoption of new collaborative innovation strategies requires inner strategic changes, in particular in the ways organizations are absorbing external knowledge and relying upon relationship learning mechanisms with their stakeholders (Leal-Rodríguez et al., 2014a,b; Leal-Millán et al. 2016; Leal-Rodríguez, 2020). Reorienting and shaping internal and external knowledge toward shared and collaborative artifacts may require paying attention toward the physical, psychological, cultural, skills and decision-making aspects of individuals in an organization (Leal-Rodríguez et al., 2014a). Studies have shown that companies with an organizational culture structured around the promotion of flexibility and creativity can achieve high degrees of open innovation (Scaliza et al., 2022). To enhance creative aspects, organizations should foster social ties among their members by exposing people to diverse and heterogeneous environments in order to promote the development of innovative collaborations and partnerships (Bertello et al., 2022). Despite these premises, the relationship between organizational culture, human factors and collaborative innovations is still scant and needs further investigation and research line. To address this stream of research, this track aims to collect theoretical and empirical research (qualitative or quantitative) exploring how internal cultural factors could enact collaborative innovation approaches through the mean of emerging I4.0 technologies.

Particularly, we hope to encourage discussion about new models of collaborative innovations, collaborative innovation assessments tools,

and emerging strategies to harness information through specific technologies.

Indicate a maximum of 5 key topics to be addressed in the track:

- Perils and pitfalls in adopting a Collaborative Innovation approach under the I4.0 environment.
- Different forms of collaborations beyond the Open Innovation paradigm.
- Digital technologies able to foster the collaborative landscape between and within companies.
- Tension and resistances within the organizational culture when adopting new forms of collaborations.
- Relationships among organizational culture, creativity, knowledge management and collaborative innovation.

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Is the Track part of a Special Issue? If so, please, indicate:

Journal:

Title of the Special Issue:

Key dates:
