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Description of the track
Technology is a new combination of productive factors, based on the usage and knowledge of tools,
crafts, organizational methods and systems, for solving certain problems or providing services, which
can yield different types of innovations. Previous studies used the concept of “technology-based
entrepreneurs”, “technical entrepreneurs”, “high technology entrepreneurs” or “high-tech new
ventures”, for describing new business that combine entrepreneurial skills and technology (Renko
et al., 2002; Oakey, 2003; Kakati, 2003; Leitão & Ferreira, 2009; Leitão et al., 2011; and Pereira & Leitão,
2016).

Following a Schumpeterian vein, a Technopreneur can be defined as a person who destroys the existing
economic order (creative destruction) by introducing new products and services by creating new forms
of organizations and by exploiting new raw materials (Schumpeter, 1934). Technopreneurs distinguish
themselves through their ability to accumulate and manage knowledge, as well as their ability to
mobilize resources to achieve a specified business or social goal (Kuemmerle, 2002), or to establish
bidirectional open innovative relationships (Leitão et al., 2020). The technopreneur is a bold,
imaginative deviator from established business methods and practices who constantly seeks the
opportunity to commercialize new products, technologies, processes and arrangements (Baumol,
2002).

Entrepreneurship, like technology has added another dimension to the human life. It is impossible to
not notice that mostly of the employment forms have arisen from some or other form of
technopreneurial venture. From entrepreneurship for profitable purposes to social and sustainable
entrepreneurial ventures, the world is now respecting the transformative power of technopreneurship
(Audretsch et al., 2020).

This track is motivated by the main need of exploring different multidimensional determinant factors that
affect technopreneurship, as well as the correspondent impacts on different levels of analysis. Thus,
more research is required in order to advance the knowledge and understanding on both the
determinants as well as the impacts of technopreneurship, at multilevel dimensions, including industry,
government (e.g. national, regional and local), universities and social networks and evolutionary
structures oriented for change and endogenous growth.
Key topics and research questions of the track

- Accelerators, business incubators, and types of entrepreneurs in high-tech companies
- Ambidexterity and open innovative relationships
- Bio-circularity technologies in entrepreneurial public health
- Corporate venturing and alliances in growth-oriented high-tech industries
- Creative industries
- Geographical/regional perspectives, analysis of country/regional context from the perspective of high-tech firms
- Historical development of technologies and entrepreneurship and future technologies
- Human resources management of high-skilled labour and workforce creativity
- Industry perspectives on high-tech new venture creation and development
- Managing technological innovations and protection of intellectual assets
- Marketing high-tech products and services, and commercialization of high-tech ventures
- Policy papers on technopreneurship, measuring impact of technologies
- Product development for high-tech ventures and university technology transfers
- Social networks, social media, social innovation and technology for society

References


The deadline for submissions is 15 June, 2021. All submissions must use the submission template and use the submission procedure on the webpage otherwise they will not be considered for review. Submit your paper here

The registration for the IECER – Virtual Community Conversation Vol. II will be open from 01 July, 2021. Register here