

Special Issue Editors 1/2023:

Prof. Dr. Christine Legner, Prof. Dr. Boris Otto

Management of Data Ecosystems and Platforms

Data-driven innovation is less and less created by one company alone but rather in ecosystems that comprise a variety of actors (among them public institutions, enterprises, and individuals). At the core of these emerging data ecosystems are data platforms that allow to share, combine, enrich and analyze data from multiple parties with the goal of creating innovative services and improving coordination. The importance of data ecosystems and platforms for addressing societal and business challenges is increasingly acknowledged. This leads to a growing number of data sharing initiatives and the creation of data spaces in areas such as mobility, health or finance. However, the design, management, and governance of data ecosystems and the underlying data platforms remain as challenging as the attainment of critical mass.

Research on data ecosystems is still in its infancy and is carried out by scholars taking different disciplinary perspectives, such as management, law, information systems and computer science. This special issue invites contributions from different disciplinary backgrounds that address topics related to the emerging data ecosystems and platforms and their management. Questions of interest include, but are not limited to:

- Value co-creation and innovation in data ecosystems
- Design of business models and strategies to exploit the economic potential of data ecosystems and platforms
- Dynamics and competition within data platforms and ecosystems
- Network effects and attainment of critical mass in data ecosystems
- Central vs. federated coordination and management for data ecosystems
- Institutional patterns for data sharing (data trusts, cooperatives, data commons etc.)
- Governance and regulation of data platforms and ecosystems
- Data sovereignty, data portability and interoperability etc.
- Evolution and adoption of data ecosystems and platforms in specific industries
- Data platforms and the role of new technologies, such as blockchains, smart contracts or IoT

We welcome qualitative, quantitative, conceptual, and design science-oriented submissions that advance our understanding of the emerging data ecosystems and platforms and help organizations navigate through these upcoming developments.

Manuscripts can be submitted either in English or German. Please submit your paper by email (doc or PDF-file) to one of the guest editors of the special issue, which you can also contact for further information and questions. Prior to submission please visit the author guidelines on www.dieunternehmung.ch and follow the instructions provided.

Timeline

Submission of contributions	June 30, 2022
Feedback on initial submission	August 31, 2022
Submission of revised manuscript	October 31, 2022
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All submitted contributions are subject to a Double-Blind-Review.

Relevant authors information and guidelines can be found on: www.dieunternehmung.ch