

# Message from the 1<sup>st</sup> GenAI4MoDa 2024

## Workshop Chairs

### MDM 2024

Generative AI, a subset within the realm of artificial intelligence, has undergone significant progress in recent years. This progress empowers machines to craft, imitate, and produce content that closely mirrors human creations.

The application of generative AI on mobility data can benefit studies on urban and mobility data in several aspects: for instance, researchers can leverage new datasets, perform what-if analysis in cases of changes in, e.g., the road network or the public transport schedule, and possibly evaluate differences between cities. Furthermore, generating synthetic mobility datasets can offer numerous benefits regarding privacy, confidentiality, and proprietary concerns.

While the application of these technologies in handling urban and mobility data is still in its early stages, its potential impact on research endeavours and decision support systems for policymakers within the urban context is noteworthy.

Therefore, the first workshop on Generative AI for Mobility data (GenAI4MoD) aims to unite researchers and practitioners to exchange insights into the current state of research on Generative AI for urban data. The overarching goal is to foster collaboration and establish a research network that accelerates the development of novel ideas and practical solutions in this field.

The first edition of the GenAI4MoD workshop included interesting papers interpreting generative AI for mobility data from various perspectives. Some authors leveraged Large Language Models (LLMs) to query and interpret mobility data, while others combined the Federated Learning (FL) paradigm to define a new generator of synthetic mobility datasets.

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**GenAI4MoDa'24 Workshop Chairs**