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Cultural Data Analytics Conference 2023 / CUDAN 2023

Threats and Temptations of the Digital City: Social and Political Consequences of Data-Driven Networked Urbanism

Short abstract:

The results of the book "Urban Networks. People. Technologies. Governance" (co-edited by myself and contributed to by several participants of the IPAM Culture Analytics programme), allow us to identify new ways of solving contemporary urban problems through digital civic engagement.

Full abstract:

My presentation is based on reflections that have emerged mainly during the work and after the publication of the collective monograph "Urban Networks. People. Technologies. Governance" (2021) and the preparation of a new multidisciplinary project "Cities 'becoming lost': the ruptures of grand narratives of modernity", which will start in November 2023.

The volume "Urban Networks. People. Technologies. Governance" (2021) brings together scholars from different countries (USA, Brasilia, Ireland, Lithuania, Sweden, Russia and Belarus) and disciplines (ranging from data science and culture analytics to (urban) sociology, art history, and media studies) who study the impact of digital technologies on different aspects of urban life. The themes of the book seem loosely connected: the critique of the smart city concept, e-governance, urban communities, the digitisation of city museums, geo-local games and transmedia urban projects, digital representations of cities (such as maps and installations made from selfies and social media images), and the collection, circulation and public interpretation of medical and surveillance data in cities. The rationale for bringing these diverse topics together in a single book is that all the authors' research focuses on human plurality as opposed to the technological totality suggested by the smart city concept, on the unpredictable ways in which city dwellers use and adapt urban networks and data, and on real disjunctures (ruptures) as opposed to theoretical connectivity. This approach makes it possible, on the one hand, to identify the current technological, legal, political and social threats facing smart cities and their inhabitants, and, on the other hand, to study the anthropological dimensions of urban data and networks in order to compensate for the imperfections of the digital world through new forms of civic engagement and human solidarity.

In my talk I will talk about these two aspects of the results received by the authors of the books, and also about the third aspect, the academic merits and perils of an interdisciplinary approach to the problem of the digital city.