

## Special Issue

# User Behavior Modeling and Mining: A Special Focus on the Spatial and Semantic Aspects of User Behavior

### Message from the Guest Editors

Human behaviour is complex, multi-level and multimodal. In addition, behaviour is shaped by the environment and context. Modelling user behaviour at an aggregated level typically involves analysing human mobility through virtual or physical activities. Human physical mobility models can provide input to transportation modelling, urban planning, public health and population studies. Human virtual mobility models can help with data narration, interactive tool designs, social network analysis, and recommender systems. The techniques or approaches to model and analyse behaviour are varied. They may be multidisciplinary and include statistical models, agent-based approaches, machine learning and visualisation tools. Moreover, the modelling can be conducted at different levels of granularity, from raw traces to rich semantic ones. This Special Issue welcomes submissions that provide new approaches and perspectives or introduce new challenges and tasks related to human behaviour modelling and mining, specifically considering the semantic and spatial aspects of human behaviour. Additionally, articles which provide an overview of the topics are welcome.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 August 2022)

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### Editor-in-Chief

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