

Preface

The third workshop on Behaviour Monitoring and Interpretation -- Studying Moving Objects in a three-dimensional world, is co-located with the workshop GeoInfo 3D in Ghent, Belgium. The previous editions of BMI were co-located with the annual German AI conference. As the presented papers have shown, there is a strong tendency towards two categories of contributions: those which are more application driven and related to the field of Artificial Intelligence research, and those related to general methods for the observation, representation and interpretation of human behaviours in space and time. Since the latter primarily focuses on spatial aspects of both pedestrians and vehicles, it would make sense to offer a more specific workshop that is dedicated to this sub-area of people, and more general objects, moving in space. In addition, another related workshop was held in conjunction with GIScience in 2008: The International Workshop on Moving Objects: From Natural to Formal Language. The organizers of these events recognized that it makes sense to join their workshops in order to consolidate the community of spatiotemporal reasoning. Additionally, advances made in the geo-information community towards the third dimension indicate the need to extend the workshop topics accordingly. The main workshop, GeoInfo 3D, gives an ideal platform for this approach.

A further motivation for this edition of the workshop has been to encourage interdisciplinary interaction among researchers working on the various fields related to BMI and moving objects. Accordingly, contributions can in particular be found from researchers in geography, urbanism, landscape architecture, computer science, cognitive sciences as well as from the automotive industry. In these workshop notes you will find the papers of those researchers presented at the workshop. An additional platform of the workshop is a poster session that enables researchers to present and discuss preliminary results of their current investigations.

We are looking forward to an exciting workshop in Ghent with fruitful discussions and we hope to gain a deeper insight into the movements of objects in our three-dimensional world.

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