

SHORT CV NICO VAN DE WEGHE (Last Update: March 10 2016)

1 EMPLOYMENT (CURRENT)

Full-Time Professor in the Rank of Senior Lecturer in Geomatics. Ghent University (Belgium): Department of Geography, Faculty of Sciences.

2 TEACHING (SELECTION OF CURRENT COURSES)

Geographical Information Science and Technology.

Geographical Information Systems.

Course "GIScience & Technology" in Vienna University of Technology (Austria): Institute of Geoinformation and Cartography. [In cooperation with Georg Gartner].

Course "Moving Objects" in Universität Augsburg (Germany): Department of Geography: Geoinformatics. [In cooperation with Sabine Timpf].

3 RESEARCH

3.1 PhD Students

- Beernaerts, J. (Current) *Automated analysis of sports team movement tactics: Detection of complex movement patterns and player-interactions.* (Co-directed with De Baets, B., Lenoir, M.)
- Zhang, L. (Current) *Spatial and spatio-temporal data analysis based on CSTM.* (Co-directed with Lu, G.)
- De Groeve, J. (Current) *A wildlife journey in space and time: Methodological advancements in the assessment and analysis of spatiotemporal patterns of animal movement in a changing European Environment.* (Co-directed with Cagnacci, F.)
- Zhang, P. (Current) *Spatio-temporal data mining an sports analytics.*
- Dewulf, B. (Current) *Social implications of transport: An accessibility perspective.* (Co-directed with Beckx, C., Neutens, T.)
- De Beule, M. (Current) *Advanced geomarketing modelling techniques for retail networks.* (Co-directed with Van den Poel, D., Debels, D.)
- Snizek, B. (2015) *Mapping cyclists' experience and agentbased modelling of their wayfinding behavior.* (Co-directed with Skov-Petersen, H., Sick Nielsen, T.A.)
- Vanclooster, A. (2014) *Closing the gap between indoor and outdoor space. A study of navigation and evacuation applications in complex three-dimensional built environments.* (Co-directed with: De Maeyer, P., Fack, V.).
- Chavoshi, S.H. (2014) *New directions in the analysis of movement patterns in space and time.* (Co-directed with De Baets, B., De Tré, G.).
- Versichele, M. (2014) *Sensing and making sense of crowd dynamics using Bluetooth tracking: An*

application-oriented approach. (Co-directed with Moerman, I.)

- Qiang, Y. (2012) *Modelling temporal information in a two-dimensional space: A visualization perspective*.

(Co-directed with De Maeyer, P.)

- Delafontaine, M. (2011) *Modelling and analysing moving objects and travelling subjects. Bridging theory and practice*. (Co-directed with Neutens, T.)

- Bogaert, P. (2008) *A qualitative calculus for moving point objects constrained by networks*. (Co-directed with De Maeyer, P.)

4 SCIENTIFIC SERVICES

4.1 Editor

De Aardrijkskunde. [Editor]

Journal of Location Based Services. [Associate editor]

4.2 Editorial Board Member [SELECTION]

Applied Geography.

International Journal of Geographical Information Science.

4.3 Member Scientific Committees [SELECTION]

Agile Conference on Geographic Information Science.

Conference on Advances in Geographic Information Systems (ACM SIGSPATIAL).

Conference on Geographic Information Science (GIScience).

Conference on Location-Based Services (LBS).

Conference on Spatial Information Theory (COSIT).

Spatial Cognition.

4.4 Reviewer Work / Publication [SELECTION]

Applied Geography (JAPG).

Cartographic Journal (CAJ).

Cartography and Geographic Information Science.

Computers, Environment and Urban Systems (CEUS).

Geoinformatica.

Information Sciences.

International Journal of Geographical Information Science (IJGIS).

Journal of Spatial Information Science (JOSIS).

Journal of Transport Geography (JTRG).

Spatial Cognition and Computation: An Interdisciplinary Journal.

Transactions in GIS.