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# CMRT09

## Object Extraction for 3D City Models, Road Databases and Traffic Monitoring - Concepts, Algorithms and Evaluation

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U. Stilla, F. Rottensteiner, N. Paparoditis

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ISPRS WG III/4 – Complex scene analysis and 3D reconstruction  
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## Preface

Automated extraction of topographic objects from remotely sensed data is an important topic of research in Photogrammetry, Remote Sensing, GIS, and Computer Vision. This joint conference of ISPRS working groups III/4 and III/5, held in Paris, France, discussed recent developments, the potential of various data sources, and future trends both with respect to sensors and processing techniques in automatic object extraction. The focus of the conference lay on methodological research. It was held in conjunction with ISPRS Laser-scanning conference.

The conference addressed researchers and practitioners from universities, research institutes, industry, government organizations, and private companies. The range of topics covered by the conference is reflected by the terms of reference of the cooperating ISPRS working groups:

- ❑ Complex Scene Analysis and 3D Reconstruction (WG III/4)
- ❑ Image Sequence Analysis (WG III/5)

Prospective authors were invited to submit full papers of a maximum length of 6 pages. We received 60 full papers for review. The submitted papers were subject to a rigorous double blind peer review process of full papers. Altogether 38 papers were accepted based on the reviews. This corresponds to a rejection rate of 37%. Each paper was reviewed at least by two members of the program committee. The accepted papers and one invited paper were published as printed proceedings in the IAPRS series as well as on CD-ROM. Only a subset of these papers could be presented orally due to the single track design of CMRT09 and the generous time slots for intensive discussion.

In total, we received contributions from authors coming from 20 countries. The proceedings include 39 papers from authors coming from 14 countries. There were 7 oral sessions with altogether 23 papers and one interactive session where 16 papers were presented as posters.

Finally, the editors wish to thank all contributing authors and the members of the Program Committee. In addition, we like to express our thanks to the Local Organising Committee, without whom this event could not have taken place. Ludwig Hoegner did a great job with the management of the conference tool. The final word processing of all incoming manuscripts and the preparation of the proceedings by Wei Yao are gratefully acknowledged. Olivier Tournaire did a great job with the CD-ROM edition of the proceedings, and so did Clement Mallet and Adrien Chauve with the registration and the choice of the gala dinner. We would also like to thank Clement Mallet, Adrien Chauve, Frederic Bretar, Marc Pierrot-Deseilligny, Olivier Tournaire, Isabelle Grujard, François Boyero, Carol Godin, and Jessica Vencatasamy for the general day-to-day organisation of the event, and at last Nicolas Paparoditis for managing the Local Organising Committee.

Munich, Hannover and Paris, July 2009



Uwe  
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