

Thursday, September 18

Session 3: 9:00 - 10:30

Image Sequences

(Chairperson: C. Steger)

Invited Paper

Scene Modeling from Image Sequences

R. Koch (Kiel University, Germany)

Orientation and Auto-Calibration of Image Triplets and Sequences

X. Hao (Zhengzhou Institute of Surveying and Mapping, China), H. Mayer (Bundeswehr University Munich, Germany)

Restitution Automation for Close-Range Applications

A. Valanis, A. Georgopoulos (National Technical University Athens, Greece)

Session 4: 11:00 - 12:40

Road Extraction

(Chairperson: U. Stilla)

Dynamic Programming Approach for Semi-Automated Road Extraction from Medium- and High-Resolution Images

A.P. Dal Poz, G.M. do Vale (São Paulo State University, Brazil)

External Evaluation of Road Networks

Wiedemann, C. (Technische Universität München, Germany)

Automated Update of Road Databases Using Aerial Imagery and Road Construction Data

M. Gerke, M. Butenuth, C. Heipke (University of Hannover, Germany)

Analysis of Automatic Road Extraction Results from SAR Imagery

B. Wessel, C. Wiedemann (Technische Universität München, Germany)

Session 5: 14:00 - 15:40

Roads, Cars, and Navigation

(Chairperson: C. Wiedemann)

Detecting Road Junctions Using Neural Networks

A. Barsi (Budapest University of Technology, Hungary), C. Heipke (University of Hannover, Germany)

Integrating Local and Global Features for Vehicle Detection in High Resolution Aerial Imagery

S. Hinz (Technische Universität München, Germany)

Good Sample Consensus Estimation of 2D-Homographies for Vehicle Movement Detection from Thermal Videos

E. Michaelsen, U. Stilla (FGAN-FOM, Germany)

Extracting Landmarks for Car Navigation Systems using Existing GIS Databases and Laser Scanning

C. Brenner, B. Elias (University of Hannover, Germany)

Session 6: 16:10 - 17:50
Remote Sensing, Laser, and Vegetation
(Chairperson: R. Kalliany)

Color Image Segmentation Using the Dempster-Shafer Theory of Evidence for the Fusion of Texture

J.B. Mena, J.A. Malpica (Alcalá de Henares University, Spain)

Registration of Remote Sensing Image Data Based on Wavelet Transform

M. Tomiya, A. Ageishi (Seikei University, Japan)

Laser Pulse Analysis for Reconstruction and Classification of Urban Objects

B. Jutzi, U. Stilla (FGAN-FOM, Germany)

Automatic Extraction of Trees from Aerial Images and Surface Models

B.-M. Straub (University of Hannover, Germany)

19:00 - 23:00
Conference Dinner incl. Dinner Talk

Introduction
(H.Ebner)

Dinner Talk:

Relegation or Reconstruction - The Fateful Life of the Great Buddha of Bamiyan
A. Grün (ETH Zürich, Switzerland)