

AIRBORNE IMAGING SPECTROSCOPY WORKSHOP

10 October 2006 – Bruges, Belgium

PROGRAMME

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- 9.00 Registration
- 9.30 Welcome address by
Dr. Dominique Fonteyn, Director Research and Applications,
Belgian Science Policy Office
- 9.40 Using spectral sensors to determine soil organic carbon for soil monitoring
Antoine Stevens, Bas van Wesemael, Damien Rossillon, Harm Bartholomeus,
Bernard Tychon and Eyal Ben Dor
- 10.00 Classification of intertidal sediments based on biophysical characteristics obtained by imaging spectroscopy
Stefanie Adam, Véronique Carrère, Annelies De Backer, Steven Degraer, Bart Deronde,
Rod Forster, **Elsy Ibrahim**, Jaak Monbaliu, Sindy Sterckx, Koen Sabbe and
Daphne van der Wal
- 10.20 Hydro-ecological modelling supported by imaging spectroscopy
Okke Batelaan, Lammert Kooistra, Luc Bertels, Boud Verbeiren, Le Quoc Hung,
Bart Deronde, Jan Bogaert and Michael Schaepman
- 10.40 Coffee break
- 11.00 HYPERPEACH: Hyperspectral remote sensing for crop assessment in peach orchards
Jan van Aardt, Pol Coppin, **Stephanie Delalieux**, Paul Scheunders, Steve De Backer,
Pieter Kempeneers, Pablo J. Zarco-Tejada, Guadalupe Sepulcre-Cantó,
Fermín Morales Iribas
- 11.20 GA-based segmentation and feature selection for the classification of AHS hyperspectral data recorded over salt marshes in Schiermonnikoog, The Netherlands
Lieven Verbeke, Karolien Scheerlinck and Robert De Wulf
- 11.40 Measuring chemical pollutant gases in the port of Antwerp using imaging spectroscopy
Michal Shimoni, Roel Heremans, Briottet Xavier and Marc Acheroy
- 12.00 BRADEX: Bottom Reflectance and Adjacency Experiment for Belgian coastal and inland waters
Barbara Van Mol, Kevin Ruddick, YoungJe Park and Bouchra Nechad
- 12.20 Introduction poster session
- 12.50 Poster session and lunch
- 14.00 Data Collection Planning....Do's and Don'ts
Herb Ripley
- 14.20 Results of the Questionnaire
Carine Petit
- 14.40 Round table discussion
moderated by Lt. Col. Erwin Duhamel (Belgian Ministry of Defense),
Prof. Dr. Michael Schaepman (University of Wageningen) and
Dr. Herb Ripley (Hyperspectral Imaging Limited)
- 15.30 Coffee break
- 16.00 Conclusions