



## EARSeL Workshop 3D-Remote Sensing      Porto, June 10 – 11, 2005

### preliminary schedule

status: May 23<sup>nd</sup> , 2005

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	presenter	title	affiliation	Email	co-authors
Friday, June 10 <sup>th</sup> , 2005, <b>9:00 – 10:30</b>		chair: R. Goossens			
opening					
1	Jacobsen, Karsten	High Resolution Satellite Systems	University of Hannover, Germany	jacobsen@ipi.uni-hannover.de	
2	Reinartz, Peter	Comparison and fusion of DEM derived from SPOT-5 HRS and SRTM data and estimation of forest heights	DLR, Oberpfaffenhofen, Germany	peter.reinartz@dlr.de	Müller, R., Hoja,D., Lehner, M., Schroeder, M.
3	Baillarin, Simon	Using a three dimensional spatial database to orthorectify automatically remote sensing images	CNES, Toulouse, France	simon.baillarin@cnes.fr	Bouillon, A., Bernard, M.
Friday, June 10 <sup>th</sup> , 2005, <b>11:00 – 12:30</b>		chair: K. Jacobsen			
4	Eineder, Michael	Interferometric DEM Reconstruction of Alpine Areas – Experiences With SRTM Data and Improved Strategies for Future Missions	DLR, Oberpfaffenhofen, Germany	michael.eineder@dlr.de	
5	Cellier, Francois	Introduction of mean shift algorithm in SAR imagery: application to shadow extraction for building reconstruction	ONERA DTIM, Châtillon, France	francois.cellier@onera.fr	Oriot, H., Nicolas, J- M.
6	Simonetto, Elisabeth	On the altimetric accuracy from a pre-existing DEM and a multibaseline InSAR technique	BRGM, ARN, Orleans, France	e.simonetto@brgm.fr	Raucoules, D., Carne, C., King, C.
Friday, June 10 <sup>th</sup> , 2005, <b>14:00 – 15:30</b>		chair: P. Winkler			

7	Gonçalves, Jose	Assessment of SRTM-3 DEM in Portugal with topographic maps	University of Porto, Portugal	jagoncal@fc.up.pt	Fernandes, J.C.
8	Cornet, Yves	DSM from SPOT5-HRS images: extraction and validation	University of Liège, Belgium	ycornet@ulg.ac.be	Grevesse, J., Binard, M., Peeters, C., Tihon, G., Bastin, T., Donnay, J.-P.
9	Jacobsen, Karsten	Analysis of SRTM Elevation Models	University of Hannover, Germany	jacobsen@ipi.uni-hannover.de	
Friday, June 10 <sup>th</sup> , 2005, <b>16:00 – 18:00</b> chair: G. Büyüksalih					
10	Winkler, Peter	HUN_DEM, the high resolution digital elevation model for Hungary	FÖMI, Budapest, Hungary	peter.winkler@harsp.rsc.fomi.hu	Ivan, G.
11	Galiatsatos, Nicolaos	An evaluation of the stereoscopic capabilities of CORONA declassified spy satellite image data	University of Durham, UK	Danny.donoghue@durham.ac.uk	Donoghue, D., Philip, G.
12	Sheng., Yongwei	Direct Geo-Rectification of Regional- Scale SAR Mosaics Using SRTM DEM Data	State University of New York, Syracuse, USA	ysheng@esf.edu	
13	Maire, Cyrille	Object extraction from Remote Sensing images and Image / Elevation data aggregation for Realistic 3D Rendering.	DLR Oberpfaffenhofen, Germany	cyrille.maire@dlr.de	Datcu, M.
Saturday, June 11 <sup>th</sup> , 2005, <b>8:30 – 10:30</b> chair: P. Reinartz					
14	Devriendt, Dennis	Accuracy assessment of an IKONOS derived DSM over urban and suburban area	Ghent University, Belgium	dennis.devriendt@ugent.be	Goosens, R., Binard, M., Cornet, Y.
15	Raggam, Hannes	Accuracy Assessment of Vegetation Height Mapping Using Spaceborne Ikonos as well as Aerial Ultracam Stereo Images	Joanneum Research, Graz, Austria	hannes.raggam@joanneum.at	Franke, M., Ofner, M., Gutjahr, K.
16	Büyüksalih, Gürcan	DEM Generation and Validation based on Optical Satellite Systems	Zonguldak Karaelmas University, Turkey	gbuyuksalih@yahoo.com	Jacobsen, K.
17	Winkler, Peter	Quality checking of DEM derived from satellite data (SPOT and SRTM)	FÖMI, Budapest, Hungary	peter.winkler@harsp.rsc.fomi.hu	Kay, S., Spruyt, P., Zielinski, R., Mihály, S., Ivan, G.

<b>Saturday, June 11<sup>th</sup>, 2005, 11:00 – 12:30 chair: K. Jacobsen</b>					
18	Wehr, Aloysius	A new Algorithm for Processing Fullwave Laser Scanner Data	University Stuttgart, Germany	Aloysius.Wehr@epost.de	Thiel, K.-H., Hug, C.
19	Ahokas, Eero	Quality of Laser Scanning	Finnish Geodetic Institute, Masala, Finland	eero.ahokas@fgi.fi	Hyypä, H., Soininen, A., Yu, X., Kaartinen, H., Rönnholm, P., Hyppä, J., Matikainen, L., Honkavaara, E.
20	Crespi, Mattia	DSM extraction from Ikonos and EROS A stereopairs: methodology, accuracy and problems	DITS - Geodesy and Geomatics - University of Rome "La Sapienza", Italy	Mattia.Crespi@uniroma1.it	Baiocchi, V., De Vendictis, L., Mazzoni, A.
<b>Saturday, June 11<sup>th</sup>, 2005, 14:00 – 15:30 chair: D. Devrient</b>					
21	Soergel, Uwe	Building reconstruction from interferometric SAR data: potential and limits	FGAN-FOM Research Institute, Germany	soe@fom.fgan.de	Schulz, K., Thoennessen, U.
22	László, Istvan	Implementation and control of the Good Agricultural and Environmental Conditions within the CwRS programme in Hungary	FÖMI, Budapest, Hungary	istvan.laszlo@rsc.fomi.hu	Csonka, B., Bognár, E., Csornai, G., Lelkes, M., Martinovich, L., Tikász, L., Kocsis, A., Mikus, G.
23	Topan, Hüseyin	Information contents of High Resolution Satellite Images	Zonguldak Karelmas University, Turkey	htopan@karaelmas.edu.tr	Büyüksalih, G., Jacobsen, K.
24	Mueller, Rupert	Ortho Image Production within an Automatic Processing Chain for hyperspectral Airborne Scanner ARES	DLR Oberpfaffenhofen, Germany	rupert.mueller@dlr.de	Holzwarth, S., Habermeyer, M., Müller, A.
<b>Saturday, June 11<sup>th</sup>, 2005, 15:30 – 16:00</b>					
	closing, final discussion				

In addition there are 2 sessions at the EARSeL symposium for the SIG 3D-Remote Sensing on Thursday, June 9<sup>th</sup>, 2005 with additional presentations.