

IC-ArchPro – Workshop 1 “Airborne Remote Sensing”

28.-30. November 2011

ZAMG – Central Institute for Meteorology and Geodynamics

Hohe Warte 32, A-1190 Wien (<http://www.zamg.ac.at/>)

Organising Committee

Michael Doneus (University of Vienna)
Wolfgang Lenhart (ZAMG)
Wolfgang Neubauer (LBI-ArchPro)
Andreas Kainz (University of Vienna)
Erich Draganits (University of Vienna)
Falko Daim (RGZM)

Speakers

Clement Atzberger (BOKU - Wien)
Anthony Beck (Leeds University – Leeds)
Christian Briese (LBI, TU - Wien)
Michael Doneus (University of Vienna / LBI-Wien)
Pete Horne (English Heritage – York)
Geert Verhoeven (LBI - Wien)

Tentative Programme:

Monday, November 28 – Aerial Archaeology	
09.00 – 09.30	Welcome
09.30 – 11.00	Aerial Archaeology: Aims, History, Visibility Marks, Vertical – Oblique (MD)
11.00 – 11.30	Break
11.30 – 12.30	Air Photo Interpretation (PH, MD)
12.30 – 13.30	Lunch
13.30 – 14.30	Air Photo Interpretation (PH, MD)
14.30 – 15.00	Photogrammetry 1: Resolving the resolution issue: on pixels and spatial resolution (GV)
15.00 – 15.30	Break
15.30 – 17.00	Basics of Photogrammetry (CB)

Tuesday, November 29 – Aerial Archaeology / Airborne Laser Scanning	
09.00 – 09.30	Photogrammetry 2: where computer vision and photogrammetry meet: on the use of SFM in aerial archaeology (GV)
09.30 – 10.30	National Mapping Project (PH)
10.30 – 11.00	Break
11.00 – 12.30	Airborne Laser Scanning: Basics (CB)
12.30 – 13.30	Lunch
13.30 – 15.00	Airborne Laser Scanning: Archaeological Practice (MD)
15.00 – 15.30	Break
15.30 – 17.00	Airborne Laser Scanning and Landscape Archaeology (MD)
Wednesday, November 30 – AHS – Satellites	
09.00 – 10.30	Airborne Hyperspectral Scanning (CA)
10.30 – 11.00	Break
11.00 – 12.30	Airborne Hyperspectral Scanning (GV)
12.30 – 13.30	Lunch
13.30 – 15.00	Satellite Archaeology (AB)
15.00 – 15.30	Break
15.30 – 17.00	DART (AB)