

16 September 2010

09.00 - 09.45 REGISTRATION and COFFEE

09.45 - 10.30 AARG AGM

10.30 - 10.40 WELCOME

10.40 – 12.30 **AERIAL ARCHAEOLOGY IN ROMANIA**

Chair:

10.40 **Aerial archaeology in Romania: a glimpse of the last forty years**
Irina Oberländer Târnoveanu

10.55 **Aerial reconnaissance for archaeology in Romania (1998-2010)**
Bill Hanson

11.20 **The archaeological landscape of Southern Dobrogea (Romania)**
Ioana Oltean

11.45 **Tell Settlement Patterns. The Lower Danube in the 5th mil. B.C.**
Radian Andreescu, Carmen Bem, Katia Moldoveanu

12.10 **Aerial archaeological survey of burial tumuli and earthworks in the Transylvanian plain**
Zoltán Czajlik

12.35 **In Search of past Archaeological Landscapes**
Irina Oberländer Târnoveanu, Carmen Bem, Bogdan Şandric

13.00 - 14.15 LUNCH

14.15 - 16.00 **AERIAL ARCHAEOLOGY PROJECTS**

Chair:

14.15 **Aerial surveys in the Belgian Province of Liège**
Claire Goffioul, Rene Pelegrin, Luc Corthouts, Marc Lodewijckx, Jean-Marc Léotard

14.40 **From aerial photographs to Bronze Age burial landscapes in sandy Flanders (NW Belgium)**
Jeroen De Reu, Machteld Bats, Jean Bourgeois

15.05 **Aerial Images of Amarna**
Gwil Owen

15.30 **Aerial Archaeology at Phaistos (Crete)**
F. Longo, A. Rossi, A. Santoriello

16.00 - 16.30 COFFEE

16.30 - 18.45 **INTERPRETATION**

Chair:

- 16.30 **Interpretation of aerial remote sensing data: best practice?**
Dave Cowley and Rog Palmer
- 16.50 **Automatic versus semi-automatic extraction of archaeological features from High Resolution Satellite Imagery: a state of the art review and future directions**
Véronique De Laet
- 17.15 **Perception**
Michael Doneus
- 17.35 **One way of teaching**
Rog Palmer
- 18.00 **Stone and water: interpreting the obvious**
Darja Grosman
- 18.25 **Discussion**
A N Other

22.00 **INFORMAL EVENING SESSION**
Chair:

TV and Historians can make more happen together
Sarah Davies

Can Aerial Archaeologists learn from Astronomers?
Jerzy Tyszkiewicz

PORTIVA-project
Rene Pelegrin

17 September 2010

9.00 - 11.00 LIDAR IN CONTEXT

Chair:

9.00 **Investigating deserted medieval villages in Southern Italy using satellite data aerial photos and Laser Scanning**
Rosa Lasaponara, Nicola Masini

9.25 **The Impact of Airborne Laser Scanning for Landscape Archaeology**
Michael Doneus

9.50 **LIDAR prospection results: spatial patterns and cross-evaluation with known sites**
Ralf Hesse

10.15 **Lidar integration in a well known archeological context: what is the added value?**
Nicolas Poirier, Rachel Opitz, Laure Nuninger, Ostir, K.

10.40 **Integrating fieldwalking, geophysics and lidar in the Franche-Comté**
Rachel Opitz, Laure Nuninger, Catherine Fruchart and Clement Laplaige

11.10 - 11.40 COFFEE

11.40 - 13.00 LIDAR IN CONTEXT (CONTINUED)

Chair:

11.40 **Miner-Farmer landscapes of the North Pennines Area of Outstanding Natural Beauty (AONB): English Heritage research into extensive lead-mining landscapes**
Stewart Ainsworth, Matthew Oakey and Mark Kinsey

12.05 **Solar radiation analysis and automatic feature recognition applied on Lidar data of a medieval silver mine area, Monte Calisio, Trento, Northern Italy**
Paolo Forlin

12.30 Discussion

12.50 - 14.00 LUNCH

14.00 - 15.50 AERIAL ARCHAEOLOGY IN SOUTH-EAST EUROPE

Chair:

14.00 **Aerial archaeology and Roman limes in Romania**
Ioana Oltean, Bill Hanson, Ovidiu Tentea

14.25 **An Emerging Late Neolithic Landscape in Baranya County, Hungary - Recent discoveries from the air and from space**
Gábor Bertók, Csilla Gáti

14.50 **Development of Predictive Models for identification of Archaeological Sites along the Bulgarian Black Sea Coast in GIS Environment**

Nayden Prahov

- 15.15 **Non-intrusive surveying of a prehistoric site (Iepuresti, Giurgiu County): from the air, at the ground level, and below the surface**
A. Morintz, R. Kogalniceanu, C. J. Markussen

15.40 - 16.10 COFFEE

16.10 - 18.30 BEYOND AERIAL ARCHAEOLOGY

Chair:

- 16.10 **Aerial archaeology and archaeogeography: how to go on working together**
Philippe Fajon
- 16.35 **The environmental context of an ancient site in the Upper Khabur basin (NE Syria)**
Jan Walstra
- 17.00 **Studying the preservation of the Archaeological monuments of the Altay Mountains through landscape and land-use changes**
Gertjan Plets, Jean Bourgeois
- 17.25 **Retrospective monitoring of a Norwegian pebble-stone beach cemetery using aerial photos and lidar**
Ole Risbøl
- 17.50 **Multisensor Airborne Remote Sensing Techniques for Archaeological Survey and Interpretation**
Rebecca Bennett, Kate Welham, Ross A Hill and Andrew Ford

20.00

CONFERENCE DINNER

18 September 2010

8.00 – 19.00 FIELD TRIP

POSTERS

Aerial archaeology and the age of the internet: a survey of free internet-based satellite and aerial imagery for Southern Dobrogea (Romania)

John Gates

Sub-canopy archaeological prospection of Chopwell Wood, N. England through multiple-echo discrete-pulse laser ranging (LiDAR)

Jack Landy

So much to be found! An assessment of the national digital height model in Denmark

Esben Schlosser Mauritsen

The potential of archaeological landscape survey through airborne laser scanning (LiDAR) in the Czech Republic

Martin Gojda, Lenka Starkova

Airborne remote sensing, LiDAR and the coastal promontory forts of Pembrokeshire: A pilot project.

Toby Driver

The search for Koknese fortress front fortifications

Juris Urtans

The potential of using relief shaded LiDAR images in detection and investigation of fossil fields in Estonia

Helena Kaldre

Visualisation tools for ALS Data

Nina Heiska, Jakob Ventin and Ilari Kurri

A “Task Force” in aerial imagery in the Public Service of Wallonia: A renewed approach in the management and analysis of aerial imagery for archaeological purpose in The Walloon Region.

Claire Goffioul, for the Aerial Imagery Working Group (SPW)

INSPIREd delivery: the development of web map services for aerial photographic transcriptions at RCAHMS.

Mark Gillick, Peter McKeague and Alistair Wilkie

Air photographic analysis and mapping of the Roman town at Aldborough, North Yorkshire

Tara-Jane Sutcliffe

Reconstructing a ritual landscape from the air

Peter Halkon