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.
Radu 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 Șandric

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.00</td>
<td>Investigating deserted medieval villages in Southern Italy using satellite data aerial photos and Laser Scanning</td>
<td>Rosa Lasaponara, Nicola Masini</td>
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<tr>
<td>9.25</td>
<td>The Impact of Airborne Laser Scanning for Landscape Archaeology</td>
<td>Michael Doneus</td>
</tr>
<tr>
<td>9.50</td>
<td>LIDAR prospection results: spatial patterns and cross-evaluation with known sites</td>
<td>Ralf Hesse</td>
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<tr>
<td>10.15</td>
<td>Lidar integration in a well known archeological context: what is the added value?</td>
<td>Nicolas Poirier, Rachel Opitz, Laure Nuninger, Ostir, K.</td>
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<tr>
<td>10.40</td>
<td>Integrating fieldwalking, geophysics and lidar in the Franche-Comté</td>
<td>Rachel Opitz, Laure Nuninger, Catherine Fruchart and Clement Laplaige</td>
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</tbody>
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#### 9.00 - 11.00 Coffee

### 11.10 - 11.40 LIDAR IN CONTEXT (CONTINUED)

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<tr>
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<tbody>
<tr>
<td>11.40</td>
<td>Miner-Farmer landscapes of the North Pennines Area of Outstanding Natural Beauty (AONB): English Heritage research into extensive lead-mining landscapes</td>
<td>Stewart Ainsworth, Matthew Oakey and Mark Kincey</td>
</tr>
<tr>
<td>12.05</td>
<td>Solar radiation analysis and automatic feature recognition applied on Lidar data of a medieval silver mine area, Monte Calisio, Trento, Northern Italy</td>
<td>Paolo Forlin</td>
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</table>

#### 11.40 - 13.00 LUNCH

### 14.00 - 15.50 AERIAL ARCHAEOLOGY IN SOUTH-EAST EUROPE

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<td>14.00</td>
<td>Aerial archaeology and Roman limes in Romania</td>
<td>Ioana Oltean, Bill Hanson, Ovidiu Tentea</td>
</tr>
<tr>
<td>14.25</td>
<td>An Emerging Late Neolithic Landscape in Baranya County, Hungary - Recent discoveries from the air and from space</td>
<td>Gábor Bertők, Csilla Gáti</td>
</tr>
<tr>
<td>14.50</td>
<td>Development of Predictive Models for identification of Archaeological Sites along the Bulgarian Black Sea Coast in GIS Environment</td>
<td></td>
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</tbody>
</table>
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
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