

**CONFERENCE PROGRAM (DETAILS)**

Written in Conference by Bődócs András on Fri, 17 Aug 2012 09:14

Last updated on Mon, 10 Sep 2012 14:23

AARG CONFERENCE 2012 - 13TH - 15TH SEPTEMBER BUDAPEST, HUNGARY

AERIAL ARCHAEOLOGY, REMOTE SENSING AND THE ARCHAEOLOGICAL PROCESS

12TH SEPT - DAY 0

19.00 22.00 WELCOME DRINK (ELTE CAMPUS, BUILDING "A", GROUND FLOOR, "KARI TANÁCS TEREM"

-COUNCIL CHAMBER

13TH SEPT - DAY 1

9.00 9.30 Registration

9.30 10.15 AARG AGM (Agenda pre-circulated)

10.15 10.30 Tea and Coffee break

10.30 11.00 Conference Introduction and Welcome Address

VIP(s) Speech(es)

11.00 12.40 *Local session* Carpathian Basin11.00 11.20 **The Application of Remote Sensing Technology and Geophysical Methods in the Topographic Survey of Early Iron Age Burial Tumuli in Transdanubia - Zoltán Czajlik, Géza Király, Attila Czövek, Sándor Pusztai, Balázs Holl, and Gábor Brolly**11.25 11.45 **Using Remote Sensing and Non-destructive Archaeological Methods in the Research of Roman Villas and the Ancient Landscape of Pannonia - Máté Szabó**11.50 12.10 **Roman Potaissa and its Surroundings. A view from above - Florin Fodorean**12.15 12.35 **Archaeological and Geoarchaeological Investigations at Perkáta, Forrás-dűlő Bronze Age Fortified Settlement - László Reményi, Ákos Pető, and Árpád Kenéz**

12.40 13.50 Lunch

13.50 15.30 *Knowledge production*13.50 14.10 **Turning Hyperspectral Pixels into Archaeological Information - Geert Verhoeven, Michael Doneus, Christian Briese, and Clement Atzberger**14.15 14.35 **ALB - Airborne Laser Bathymetry: Surveying Underwater Topography - Michael Doneus, Michael Pregesbauer, Briese Christian, and Nives Doneus**14.40 15.00 **Image Processing at the Service of Archaeological Survey: a Progress Report from the Silvretta Archaeological Project - Karsten Lambers and Igor Zingman**15.05 15.25 **Beyond 3D Modeling in Archaeology - Metadata, Reliability and Scientific Visualization - Sorin Hermon**

15.30 15.50 Tea and Coffee break

- 15.50 17.30 YAARG (Young AARG) session
- 15.50 16.20 Irish Early Medieval Settlement from the Air: A LiDAR Study of Counties Roscommon and Leitrim - *Susan Curran*
- 16.20 16.40 Google Earth and Silk Road. Satellite Reconnaissance in Xinjiang - *Emilia Smagur and Kasper Hanus*
- 16.40 16.50 First Results of Aerial Archaeology in Harghita County (Romania) - *András Sófalvi*
- 16.50 17.10 Remote Sensing Imagery in Archaeology: the Case Study of Heslington East - *Jitka Jizerova*
- 17.10 17.30 Troubles with Everything: Flying over Velebit - *Vedrana Glavaš*

14TH SEPT - DAY 2

- 9.00 10.15 *Interpretation*
- 9.00 9.20 Interpreting Remote Sensing Data in a Glaciated, Karst Lowland Landscape; What Lies in and around Rathcroghan Mound, Tulsk, County Roscommon, Ireland? - *Kevin Barton and Ralf Hesse*
- 9.25 9.45 Roads to Nowhere? Disentangling Meshworks of Holloways - *Dimitrij Mlekuž*
- 9.50 10.10 The Saint, a Mound and the Flame on the Hill: Integration of Remote Sensing Techniques on The Hill of Slane Archaeological Project - *Conor Brady, Kevin Barton, and Matthew Seaver*
- 10.15 10.30 Tea and Coffee break
- 10.30 12.20 *Applications*
- 10.30 10.50 To be announced
- 10.55 11.15 Borders: The Problems of the Aerial Archaeological Research of a Roman Limitation in Pannonia - *András Bódócs*
- 11.20 11.50 Archaeological Three-Dimensional Recording and Reconstruction of Pharaonic and Christian Features of the Quarry Complex of Dayr Abu Hinnis (Middle Egypt) - *G. J.M. van Loon, V. De Laet, A. Van der Perre, M. Hendrickx, R. Goossens, and H. Willems*
- 11.55 – 12.15 An Experimental Application of Airborne Laser Scanning for Landscape Archaeology in Northeastern Poland - *Cezary Sobczak*
- 12.20 13.30 Lunch
- 13.30 14.30 Poster session
- c. 20 posters on show with their authors*
- 14.30 17.30 Discussion session: AARG, aerial archaeology and remote sensing – time for a change?
- 14.30 15.00 Position paper 1
A Geoarchaeologist's View of Aerial Archaeology - *David Jordan*
- 15.00 15.30 Responses (*Wlodek Raczkowski, David Stott, Simon Crutchley*)
- 15.30 15.45 Tea and Coffee break
- 15.45 16.15 Position paper 2
What Next? Aerial Archaeology as Landscape Archaeology - *Rachel Opitz and Steve Davis*
- 16.15 16.45 Responses (*Rog Palmer, Dave Cowley, Michael Doneus*)
- 16.45 17.30 Questions and Discussion from the floor
- 19.00 Conference Dinner

Poster session (14th Sept - Day 2: 13.30 14.30)

- Andrzej Michałowski, Katarzyna Pyżewicz, Włodzimierz Rączkowski and Lidia Žuk - *Searching for contexts: non-invasive support of AZP in the vicinity of Poznań*
- Bartul Šiljeg - *Slavonian circles*
- Carmen Bem, Irina Oberlander-Târnoveanu - *Looking from the air – The known and the unknown about the Romanian archaeological sites. Interpretation and preservation*
- Catalin Bem, Radian Andreescu, Andrei Asandulesei, Katia Moldoveanu, Carmen Bem - *The analysis and distribution of Neolithic tell settlements from Southern Romania*
- Dávid Bartus, László Borhy, Zoltán Czajlik, László Rupnik and Emese Számadó - *Aerial archaeological and topographical research in Brigetio*
- David Stott, Doreen Boyd and Anthony Beck - *From the ground up: Improving hyper-spectral prospection for archaeology*
- Gabor Bertok and Csilla Gati - *Highs and Lows. Expectations and first results of 140 sq kms of LiDAR survey in Baranya County, Hungary*
- Gábor Bertók and Csilla Gáti - *Infrared photography in aerial archaeology – case studies in Barany County, Hungary*
- Helen Winton and Ed Carpenter - *Green meadows surround the fence - industry on the Hoo Peninsula, Kent, England*
- João Fonte, Pastor Fábrega-Álvarez, César Parcero-Oubiña and Alejandro Güimil - *3D mapping with affordable low altitude devices. A case-study on the documentation of archaeological features in the surroundings of an Iron Age hillfort in Northern Portugal*
- Kevin Barton and Conor Brady with Asia Balcerzak, Kieran Campbell, Anthony Corns, Gary Devlin, Michal Pisz, Robert Shaw and Piotr Wroniecki - *An International Surface Collection and Remote Sensing Field School on the Hill of Slane, County Meath, Ireland*
- Lenka Starkova - *The interpretation of aerial laser scanning (ALS) data through different visualization algorithms*
- Lucie CULIKOVA - *Remote sensing of deserted cultivated landscape*
- Lukasz Banaszek - *LIDARchaeology. Airborne Laser Scanning of forested landscapes of Pomerania (Poland)*
- Marija Marić - *Aerial survey of the Trstenik municipality (Serbia) - a pioneering venture*
- Marko Cekovic - *Digital technologies in cultural landscape research, ERASMUS Intensive program*
- Máté Stibrányi and Gergely Padányi-Gulyás - *ARMSRACE-project. Archaeological remote sensing, field survey and predictive modelling in Sárvíz-valley, Hungary*
- Matthew Oakey and Sally Evans - *Chalk Lowlands and the Hull Valley NMP*
- Mónika Winkler - *New tumuli nearby Győrújbarát, Hungary*
- Ralf Hesse - *Detecting former field systems with airborne LIDAR - an overview of current methods*
- Roman Brejcha - *Deep in the forest by LIDAR. Post-processing of the data and ground-truthing in the forested upland in Western Bohemia.*
- Sándor Berecki - *Aerial Archaeological Survey of Burial Mounds in Transylvania*
- Titilayo O. Olukole – *A geographical information systems (GIS) database of Badagry Heritage Resources*

15th sept - Day 3**AARG Field trip**

Field trip to Százhalombatta (visit to the **'Matrica' Museum and the Archaeological Park** as well as to the Iron Age tumulus-site and the Bronze Age and Iron Age hillfort).

Beside the usual high-standard lectures of the Members, the conference especially welcomes the applications of researchers of the Carpathian Basin who have not yet had the opportunity to introduce their results during previous Meetings or would like to present their research in more detail.