

**Neamț County Museum Complex
Cucuteni Culture International Research Centre
Cucuteni Eneolithic Art Museum of Piatra-Neamț
„Friedrich-Alexander” Universität Erlangen-Nürnberg
Philosophische Fakultät und Fachbereich Theologie
Institut für Ur- und Frühgeschichte Erlangen**

**BEYOND EXCAVATION.
GEOPHYSICS, AERIAL PHOTOGRAPHY
AND THE USE OF DRONES
IN EASTERN AND SOUTH-EAST
EUROPEAN ARCHAEOLOGY**

INTERNATIONAL COLLOQUIUM

Programme and Abstracts

Editors:

**DORIS MISCHKA
CARSTEN MISCHKA
CONSTANTIN PREOTEASA**

**Piatra-Neamț
Romania
2016**

Organising committee:
Prof. Dr. **Doris Mischka**
Dr. **Iulian Ghercă**
Dr. **Carsten Mischka**
Dr. **Constantin Preoteasa**
Dr. **Georg Schafferer**
Dr. **Ciprian-Dorin Nicola**

Scientific committee:
Prof. Dr. **Doris Mischka**
Prof. Dr. **Thomas Saile**
Prof. Dr. **Alexander Rubel**
Dr. **Carsten Mischka**
Dr. **Robert Hofmann**
Dr. **René Ohlrau**

Descrierea CIP a Bibliotecii Naționale a României
BEYOND EXCAVATION: GEOPHYSICS, AERIAL PHOTOGRAPHY AND THE USE OF DRONES IN EASTERN AND SOUTH-EAST EUROPEAN ARCHAEOLOGY. International Colloquium (2016; Piatra-Neamț)
Beyond Excavation: Geophysics, Aerial Photography and the Use of Drones in Eastern and South-East European Archaeology: international colloquium: programme and abstracts: Piatra-Neamț, 2016
Ed.: Doris Mischka, Carsten Mischka, Constantin Preoteasa.
Piatra-Neamț: Editura „Constantin Matasă”, 2016
ISBN 978-973-7777-38-6
I. Mischka, Doris (ed.)
II. Mischka, Carsten (ed.)
III. Preoteasa, Constantin (ed.)
902

© **COMPLEXUL MUZEAL JUDEȚEAN NEAMȚ**

Editura „Constantin Matasă”
Romania, Neamț County,
610029 Piatra-Neamț, 10 Mihai Eminescu
Tel. / Fax: 004-0233-217496
E-mail: muzeupn@yahoo.com
Web: <http://www.muzeu-neamt.ro/>

ISBN 978-973-7777-38-6

Tuesday, 6th December

Chairmen: Prof. Dr. **DORIS MISCHKA** and Prof. Dr. **THOMAS SAILE**

09:00 – 09:30

Robert Hofmann, Stanislav Țerna, Vitalii Rud, Liudmyla Shatilo, Ghenadie Sîrbu

Geomagnetic surveys and archaeological test-trenches on Early Neolithic - Late Copper Age sites from Republic of Moldova

09:30 – 10:00

Thomas Saile, Stanislav Țerna, Maciej Dębiec, Martin Posselt

New data on the Linear Pottery culture settlements layout from the Pruth - Dniester interfluvium

10:00 – 10:30

Stanislav Țerna, Maciej Dębiec, Andreea Vornicu-Țerna

Geophysical and archaeological research on the Neolithic and Early Copper Age site of Nicolaevca V in Northern Moldova

10:30 – 11:00

Robert Hofmann, Stanislav Țerna, Constantin-Emil Ursu, Lennart Brandtstätter, Heiko Tiede, Wiebke Mainusch, Sabrina Autenrieth

Geomagnetic surveys in Baia and Adâncata (Suceava County, Bucovina, Eastern Romania): Spatial organization and population size of small Cucuteni-Tripolye settlements

11:00 – 11:30

Carsten Mischka, Constantin Preoteasa, Georg Schafferer

Two ends of one scale – Gradiometer surveys on the Cucuteni sites of Ghelăiești and Văleni (Neamț County, Romania, 2016)

11:30 – 12:00

Sergiu-Constantin Enea, Dumitru Boghian, Andrei Asăndulesei, Felix-Adrian Tencariu, Ciprian-Cătălin Lazanu

Archaeological corroboration of the magnetometric survey – case study: the site of Țăcuta-„Dealul Miclea” (Vaslui County, Romania)

Tuesday, 6th December

Chairmen: Dr. **ROBERT HOFMANN** and Dr. **RENÉ OHLRAU**

16:00 – 16:30

Cornelia-Magda Lazarovici, Carsten Mischka

Geomagnetic prospections at Scânteia-„Dealul Bodești”: history of research

16:30 – 17:00

Andrei Asăndulesei, Felix-Adrian Tencariu, Vasile Cotiugă, Ștefan Caliniuc, Cristi Nicu, Radu Balaur, Mihaela Asăndulesei, Alin Mișu-Pintilie

Insights into Cucuteni settlements: geophysical prospections for understanding settling patterns in North-Eastern Romania during the Chalcolithic

17:00 – 17:30

Vitalii Rud, René Ohlrau, Stanislav Fedorov

Satellite images and geomagnetic plans of several Cucuteni-Trypillia sites of the right bank of Southern Bug river

17:30 – 18:00

Dumitru Boghian, Andrei Asăndulesei, Felix-Adrian Tencariu, Aurel Melniciuc, Sergiu-Constantin Enea

Magnetometric survey and archaeological realities in the site of Ripiceni-„Holm” (Botoșani County, Romania)

18:00 – 18:30

René Ohlrau

Testing settlement patterns via geophysical survey. The case of Trypillian „mega-sites”

18:30 – 19:00

Mykhailo Videiko, Anatolii Chernov, René Ohlrau

Investigations at Maidanetske: GPR vs. magnetic prospection and excavations

Wednesday, 7th December

Chairmen: Prof. Dr. ALEXANDER RUBEL and Dr. CARSTEN MISCHKA

09:00 – 09:30

Stanislav Ţerna, Knut Rassmann, Kai Radloff

The Cucuteni-Tripolye settlement of Stolniceni I (Moldova). Geophysical and archaeological investigations (2015-2016)

09:30 – 10:00

Mykhailo Videiko

Plans of Trypillia culture sites from Dnieper region

10:00 – 10:30

Thomas Saile

The late Neolithic earthworks at Altheim (Germany)

10:30 – 11:00

Maciej Dębiec, Martin Posselt, Thomas Saile

Magnetometer surveys, settlements and salt exploitation along the lower course of the Tyrawka river (Salty Mountains, South-Eastern Poland)

11:00 – 11:30

Andrei Asăndulesei, Corina Borş, Vlad Rumeş-Irimuş, Felix-Adrian Tencariu

Large-scale magnetic survey and aerial photography for documenting the prehistoric site of Tărtăria-„Podu Tărtăriei vest” (Alba County, Romania)

11:30 – 12:00

Alexander Rubel, Carsten Mischka

Războieni-„Cetate” (2016) – Gradiometer survey vs. aerial archaeology. Prolegomena on a research-project

Wednesday, 7th December

Chairmen: Dr. ANDREI ASĂNDULESEI and Dr. VLAD LĂZĂRESCU

16:00 – 16:30

Vlad-Andrei Lăzărescu, Coriolan Horațiu Opreanu

Archaeological remote sensing along the North-Western Roman frontier of Dacia. A case study for Porolissum and its surroundings

16:30 – 17:00

Octavian Munteanu, Michael Meyer, Vasile Iarmulschi, Maria Moraru

The first magnetometric prospects in the sites of Poieniști-Lucașeuca culture: results and perspectives

17:00 – 17:30

Piotr Wroniecki, Jan Bulas, Roman Brejcha

Hidden landscapes of the Lesser Poland Upland. The application of non-invasive methods and their role in the study of past societies

17:30 – 18:00

Gheorghe Lazarovici

Landscape research for archaeology and ethnoarchaeology