



COMPLEXUL MUZEAL JUDEȚEAN NEAMȚ

CENTRUL INTERNAȚIONAL DE CERCETARE A CULTURII CUCUTENI



FRIEDRICH-ALEXANDER
UNIVERSITÄT
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PHILOSOPHISCHE FAKULTÄT
UND FACHBEREICH THEOLOGIE



INSTITUT FÜR
UR- UND FRÜHGESCHICHTE ERLANGEN

International Colloquium

„Beyond excavation – Geophysics, aerial photography and the use of drones in Eastern and South-East European Archaeology”

Cucuteni Eneolithic Art Museum, in Piatra-Neamț (Romania),

from 5-9 December 2016.

Non-destructive survey-methods, especially geophysics and aerial photography have evolved at least over the last two decades to a standard application in archaeology worldwide. Since the last few years, unmanned aerial vehicles (UAV, aka „drones”) additionally expand the archaeologist’s tool-box.

As the technical evolution continues, these possibilities range from small-scale measurements as preparation for excavations to large-scale surveys as independent method for landscape archaeology.

A special role in this evolution comes to the countries in Eastern and Southeastern Europe, where comparatively large areas are still unaffected by industrial agriculture and the related destruction of cultural heritage.

The Colloquium’s goal is to gather scientists contributing to these sectors – archaeological geophysics, aerial photography and drone-operations – with the focus on Romania and the neighbouring countries, to allow an intensive exchange of experiences, results and to create new perspectives of the use of the mentioned survey methods in archaeological projects.

Different consecutive sessions will deal with:

1. The integration of geophysics, aerial photography and UAV in larger archaeological projects, ranging from excavation-support to the use as independent tools for gathering additional spatial data.
2. Specific results of survey (case studies).
3. Technical possibilities, limits and perspectives of the use of UAV-data for survey, excavation and presentation of archaeological data.

A Poster-session will give junior researchers the possibility to present their work. We would like to ask you, to propose your students or younger colleagues to contact the organizers for an invitation.

An excursion will guide the participants to different sites in the surroundings of Piatra-Neamț, where the surveys of the last years lead to a remarkable gain of archaeological knowledge.

The proceedings of the Colloquium will be edited in 2017 as part of the *Bibliotheca Memoriae Antiquitatis* series. The papers (texts and figures) has no space limit. The figures can be printed in colour.

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Sincerely yours,

Dr. Iulian Ghercă (Piatra-Neamț, Romania)

Prof. Dr. Doris Mischka (Erlangen, Germany)

Dr. Carsten Mischka (Erlangen, Germany)

Dr. Constantin Preoteasa (Piatra-Neamț, Romania)