

# UAV CONFERENCE 2014 SYMPOSIUM BERLIN · MAI 23–24

## BIG WORK FOR SMALL PLANES – USING UAVs AND KITES FOR ARCHAEOLOGY

### FRIDAY, 23<sup>TH</sup> MAY

11.00

Registration open

13:15–15:00

Undine Lieberwirth / Axel G. Posluschny:  
Opening

Jörg Bofinger / Christoph Steffen:  
Airborne 3D documentation techniques in cultural heritage management

Benjamin Ducke / Marco Block-Berlitz:  
Archaeocopter.de: UAV-based documentation of archaeological sites with  
consumer grade hardware and free software

Christian Seitz:  
From ArchEye to ArchEyeAutomatic

— 15:00–15:30 coffee break —

15:30–17:00

Jochen Reinhard:  
Kite, Copter or Fixed Wing? Comparing different UAV platforms for  
Low Altitude Aerial Photography

Esben Schlosser Mauritsen:  
Drones in Danish archaeology – so far so good

Jamie Quartermaine / Paul Miles:  
Eight case studies and a conclusion: Practical lessons from recent  
work by Oxford Archaeology

17:00–17:45

Poster presentation & coffee break

17:45–18:15

Kyriacos Themistocleous / Athos Agapiou / Demetrios Alexakis /  
Branka Cuca / Diofantos G. Hadjimitsis:  
Lessons learnt from using UAVs in Cyprus: landscapes applications

Hans-Peter Thamm:  
High hopes, myth and reality, the essence of 8 years using different types  
of UAV for archaeological tasks - lessons learned and actual challenges

19:00

Informal meeting & dinner at the pub „Luise“ (own expenses)

### POSTERS

Ronny Weßling / Joris Coolen / Natascha Mehler:  
Mapping Viking Age and Medieval harbour sites with Kite Aerial Photography

Gianluca Cantoro:  
Keeping costs low while UAV flies high: the archaeologist's perspective

Gianluca Cantoro:  
Photogrammetric low altitude fieldwork in  
„Neolithic Thessaly (Greece)“: potentials and issues

Mikołaj Kostyrko / Adam Lok:  
Low-cost kite aerial photography: three examples

### SATURDAY, 24<sup>TH</sup> MAY

9.00

Registration open

9:30–10:00

UAVs introduction (organisers, pilots)

10:00–12:00 **open to public**

UAVs presentation

Jörg Bofinger/Christoph Steffen, Christian Seitz, Jochen Reinhard,  
Hans-Peter Thamm

— 12:00–13:00 lunch break (own expenses) —

13:00–15:00 **open to public**

Open Symposium

Questions & answers to the presenters;  
presentation of a UAV handbook

(presenters, pilots)

— 15:00–15:15 coffee break —

15:15 – 16:15

Internal meeting  
(UAV handbook authors & editors)

### REGISTRATION

Due to the limited space we ask you kindly to register in advance.

There will be no entrance fee.

The conference language is English.

### INFORMATION & CONTACT

Undine Lieberwirth (Topoi Forum Spatial Data)  
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community.topoi.org/web/uav-2014/home  
ww.topoi.org/event/23369/



### VENUE

The conference will take place at the Topoi building of the Excellence Cluster  
in Dahlem: Hittorfstr. 18, 14195 Berlin.

Presentations will be given at the ground floor.