

First Specialization Forum

“Integrated non-destructive approaches to understand and valorise complex archaeological sites”

Ammaia (Marvão - Portalegre, Portugal) 5th – 11th July 2010
Organizers: Prof. Cristina Corsi – Prof. Frank Vermeulen (CIDEHUS – Uevora)

Program

Sunday - July 4

from 18:00 ARRIVAL & REGISTRATION

20:30 DINNER

Monday - July 5

9:00-10:15	10:15-11:30	11:30-11:45	11:45-13:00	13:00-14:30	14:30-15:45	15:45-16:00	16:15-18:00	20:00
Welcome & Introduction	Archaeological survey and GIS integration	Coffee break	Geomatics techniques for archaeology and cultural heritage	Lunch	Ammaia site visit	Pause	Fieldlab: Terrestrial Laser Scanning	Dinner
Corsi - Vermeulen	Mlekuz		Devlin		Corsi - Vermeulen		Devlin	

Tuesday - July 6

9:00-10:15	10:15-11:30	11:30-11:45	11:45-13:00	13:00-14:30	14:30-15:45	15:45-16:00	16:15-18:00	20:00
<p>Digital photogrammetry for archaeological survey</p> <p>Corns - Devlin</p>	<p>DEM's for archaeology</p> <p>Mlekuz</p>	<p>Coffee break</p>	<p>The use of DGPS for microtopography</p> <p>Mayoral</p>	<p>Lunch</p>	<p>Fieldlab: Total station</p> <p>Johnson - Mlekuz</p>	<p>Pause</p>	<p>Fieldlab: DGPS</p> <p>Mayoral - Cerillo</p>	<p>Dinner</p>

Wednesday - July 7

9:00-10:15	10:15-11:30	11:30-11:45	11:45-13:00	13:00-14:30	14:30-15:45	15:45-16:00	16:15-18:00	20:00
<p>Oblique aerial photography for archaeology: principles and techniques</p> <p>Vermeulen</p>	<p>High resolution aerial photography from low altitude platform</p> <p>Cerillo - Martínez</p>	<p>Coffee break</p>	<p>Study time & exercises</p>	<p>Lunch</p>	<p>Artefact survey: principles and techniques</p> <p>Bintliff</p>	<p>Pause</p>	<p>Fieldlab: Low altitude aerial photography: blimps</p> <p>Mayoral - Cerillo</p>	<p>Dinner</p>

Thursday - July 8

9:00-10:15	10:15-11:30	11:30-11:45	11:45-13:00	13:00-14:30	14:30-15:45	15:45-16:00	16:15-19:00	20:00
Ancient sources and historical cartography for survey	LiDAR from low altitude platforms	Coffee break	Multispectral airborne imaging for archaeology: theory I	Lunch	Multispectral airborne imaging for archaeology: theory II	Pause	Excursion to MARVAO	Dinner
Corsi	Silvestre		Cavalli		Cavalli			

Friday - July 9

9:00-10:15	10:15-11:30	11:30-11:45	11:45-13:00	13:00-14:30	14:30-15:45	15:45-16:00	16:15-18:00	20:00
Artefact survey: applications on complex sites	Multispectral airborne imaging for archaeology: practice	Coffee break	Oblique aerial photography for archaeology: applications	Lunch	Ground truthing for archaeological survey	Pause	Oblique aerial photography for archaeology: integration with other prospection methods	Dinner
Bintliff	Cavalli		Doneus		Slapsak		Doneus	

Saturday - July 10

9:00-10:15	10:15-11:30	11:30-11:45	11:45-13:00	13:00-14:30	14:30-15:45	15:45-16:00	16:15-18:00	20:00
Airborne LiDAR: technology and applications	From survey to site management plan	Coffee break	Selection criteria for a site management plan	Lunch	From survey data to virtual 3D reconstructions	Pause	Study time & exercises	Dinner
Doneus	Van Roode		Bosman		Klein			

Sunday - July 11

9:00-10:30	10:30-12:00	12:00-13:00	13:00-14:30
TEST	Coffee break & Free time	Closing session	Lunch