

# IC ArchPro – Workshop 2 „Geophysical Prospection“

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**27. – 29. February 2012**

**Additional Programme 1st March 2012**

ZAMG – Central Institute for Meteorology and Geodynamics

Hohe Warte 38, A – 1190 Wien (<http://www-zamg.ac.at>)

## **Organizing Committee**

Wolfgang Neubauer (LBI ArchPro / University of Vienna)

Wolfgang Lenhardt (ZAMG / University of Vienna)

Andreas Kainz (University of Vienna)

Michael Doneus (University of Vienna / LBI ArchPro)

Erich Draganits (University of Vienna)

Falko Daim (RGZM / University of Vienna)

## **Speakers**

Wolfgang Neubauer (LBI ArchPro / University of Vienna)

Immo Trinks (LBI ArchPro)

Alois Hinterleitner (ZAMG / LBI ArchPro)

Chris Gaffney (University of Bradford)

Dominic Powlesland (University of York / Landscape Research Centre)

Jörg Fassbinder (BLfD)

Timothy Saey (Ghent University)

## Programme

<b>Monday , February 27<sup>th</sup> – Geophysical Prospection Methods / Magnetics</b>	
9:00 – 10:30	Magnetic Prospection in Archaeology 1 – Theory and Instrumentation (IT, WN)
10:30 – 11:00	Break
11:00 – 12:30	Magnetic Prospection in Archaeology 2 – Application (IT, WN, JF)
12:30 – 13:30	Lunch Buffet
13:30 – 14:30	Magnetic Properties of Soils and Archaeological Deposits (JF)
14:30 – 15:00	Magnetic Prospection in Archaeology 2 – Data Processing and Visualization (AH)
15:00 – 15:30	Break
15:30 – 17:30	Geophysical Prospection in Archaeology – A Review (CG)

<b>Tuesday , February 28<sup>th</sup> – Electromagnetic Prospection Methods</b>	
9:00 – 10:30	Ground Penetrating Radar 1 – Theory and Instrumentation (IT)
10:30 – 11:00	Break
11:00 – 12:30	Ground Penetrating Radar 2 – Application (IT, WN, AH)
12:30 – 13:30	Lunch Buffet
13:30 – 15:00	Ground Penetrating Radar 3 – Data Processing and Visualization (AH, WN)
15:00 – 15:30	Break
15:30 – 16:30	Electro-Magnetic Prospection – Theory and State-of-the-Art (TS)
16:30 – 17:00	Magnetic Susceptibility Survey – Archaeological Applications (WN, CG)

<b>Wednesday , February 29<sup>th</sup> – Geophysical Prospection Methods</b>	
9:00 – 10:30	Electrical Prospection Methods – Theory and Instrumentation (CG)
10:30 – 11:00	Break
11:00 – 12:30	Prospecting Archaeological Landscapes (DP)
12:30 – 13:30	Lunch Buffet
13:30 – 15:00	Combined Geophysical Prospection 1 – Case Studies (IT, WN, JF)
15:00 – 15:30	Break
15:30 – 17:00	Further Development of Geophysical Prospection in Archaeology – Open Discussion

**Thursday, March 1<sup>st</sup> – Additional Programme – Open lecture “Landscape Archaeology”**

Dominic Powlesland

***From Landscape to Lostscape - A third of a century searching for the archaeology of the Vale of Pickering.***

9:00 – 10:30	Lecture Part 1
10:30 – 11:00	Break
11:00 – 12:30	Lecture Part 2
12:30 – 14:30	Lunch Break
14:30 – 16:00	Lecture Part 3