



EIGG Postgraduate Symposium

20 August 2008



Meeting Programme

Time

09:00 – 10:15

Registration, tea and coffee

10:15 – 10:30

Welcome (Convenors, EIGG Chairman)

Oral presentations – Part 1

10:30 – 10:50

Alessio Gusmeroli, T. Murray, B. Barrett, R. Clark and A. Booth:
Influence of critically refracted first-arrivals on the interpretation of vertical radar profiles for estimation of the water content in glacier ice

10:50 – 11:10

Stuart Glenday:
Characterising fluvial facies and architecture using ground penetrating radar: An investigation into the Pleistocene sequences of the upper Thames basin, England

11:10 – 11:30

Tea break and poster presentations

11:30 – 11:40

Sophie O'Connor and M. Long:
Use of electrical resistivity methods in characterisation of Irish soils and earth embankments

11:40 – 11:50

Ranjith Premasiri, P. Styles and V. Shrira:
Application of GPR for reconstruction of paleo-tsunamis

Oral presentations – Part 2

11:50 – 12:10

Rachael Waugh:
Electrical spectroscopy of sandstones

12:10 – 12:30

John Jervis, J. Pringle, J. Cassella and G. Tuckwell:
Electrical resistivity surveys over a simulated 'shallow' grave in Staffordshire, UK

12:30 – 13:30

Buffet lunch and posters

13:30 – 14:10

Keynote Lecture

Andrew Binley:
Hydrogeophysics: Current trends and future directions

Oral presentations – Part 3

14:10 – 14:30

Despina Kalisperi, S. Kershaw, P. Collins, P. Soupios, P. Barsukov, and F. Vallianatos:
The application of hydro-geophysical measurement techniques in assessment of a complex coastal aquifer, Northern Crete, Greece

14:30 – 14:50

Sarah Sherratt, L. J. North, N. J. Cassidy, P. W. Haycock and S. R. Hoon:
Ferromagnetic resonance as a tool for detection of corrosion on steel reinforcing bars

14:50 – 15:10

Tea break and poster presentations

15:10 – 15:20

Kayt Armstrong:
Locating the Sweet Track: Trialling archaeological geophysical prospection in peatland environments

15:20 – 15:30

Ndifreke Etuk:
3D optimisation of electrical tomography for archaeological mound imaging

15:30 – 15:40

Alexander J. Gallagher, A. J. Newell, N. W. Hadlow and I. Molyneux:
Borehole imaging techniques in Chalk hydrogeological research

Oral presentations – Part 4

15:40 – 16:00

Andrew Thomas:
Investigating the linkages between geotechnical and electromagnetic data for fine-grained soils

16:00 – 16:20

Rebecca A. Goodwin and N. J. Cassidy:
Apparent permittivity characteristics of magnetite-rich layered igneous bodies: Implications for GPR attenuation and velocity

16:20 – 16:45

Best paper awards

16:45

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