



Programme

4th ORFEUS USER WORKSHOP

Co-located with IWAGPR conference
University of Granada, Spain
28th May 2009 - 14:30 to 18:00



Our spring 2009 workshop is a half day programme of presentations and discussions. And is one of a series of ORFEUS workshops is intended to involve the user community in our research, development, and field testing programme. This provides a valuable reality check for the project team, as well as sharing information with the user community at large on the developments in advanced GPR. It is part of our dissemination activity under the 6th Framework.

This workshop concentrates on technical issues, with five papers, followed by a panel session with two presentations covering reporting on progress on the field trials, and maintaining a dialogue on other issues users have told us are important, such as quality, accuracy, and training/validation.

By co-locating with a major international GPR workshop, we hope to attract a wide range of attendees. It is expected that the autumn ORFEUS workshop will report more fully on the trials, and have a more practical, and less technical theme. After the test programme is completed, in late 2009/early 2010 there will be further workshop(s) to disseminate project outcomes.

For morning sessions – please see main IWAGPR programme where Lunch break is 13:00 – 14:30 This ORFEUS workshop is Session n. 6 of the IWAGPR event:- ‘**Special Session -- ORFEUS Project**’ -Session Chairs: Howard Scott and Alex Yarovoy

1. **14:30 – 14:50** Howard Scott et al. ***The ORFEUS Project: Background and objectives***
2. **14:50 – 15:10** Evert Slob et al., ***Seasonal changes of soil geophysical properties, with applications to GPR utility location surveys***
3. **15:10 – 15:30** Guido Manacorda et al., ***The ORFEUS Project: Design of a bore-head GPR for Horizontal Directional Drilling (HDD) equipment***
4. **15:30 – 15:50** Diego Caratelli et al., ***Full-wave modelling of buried pipe detection with low-frequency Ground Penetrating Radar***
5. **15:50 – 16:10** Claudio Testa et al. ***ORFEUS Surface GPR: first laboratory test***
6. **16:10 – 16:30** Coffee Break
7. **16:30 – 17:00** **Update on field test programme** (Howard Scott and Guido Manacorda))
8. **17:00 – 17:30** **User issues including training/validation, quality and accuracy** (Andrew Thomas et al)
9. **17:30 – 18:00** User feedback to ORFEUS team

Cost: ORFEUS Workshop + 1 day IWAGPR2009, including Gala dinner, coffee breaks and lunch = 230€

Or

ORFEUS Workshop + 3 days IWAGPR2009, including Gala dinner, coffee breaks and lunch = 460€

Venue: Faculty of Science, University of Granada (more information and maps will be made available to delegates who register.) To apply for a place please follow the instructions on the attached form.

Or visit www.orfeus-project.eu and follow the links to the user workshops for more information.