

Twelfth Neutron Users' Club Meeting **Thursday 7th October 2004**

Introduction and domestic arrangement

- **In the event of an emergency follow the instructions given either via the voice alarm system or by a member of NPL staff.**
- **Smoking is prohibited in all public areas of the laboratory. Delegates wishing to smoke should do so outside the building.**
- **The nearest toilets**

Announcements

- **A buffet lunch will be served in the entrance hall at 12:30.**
- **If you have any queries, please contact an NPL member of staff and he or she will try to help. They can be recognised by the NPL name badge**
- **Those wishing to visit the Neutron Group facilities after the meeting should give their names to Andy.**
- **Lastly, please would you give some time at the end of the meeting to complete the questionnaire and hand it to a member of NPL staff or post it back to NPL.**

The morning session

The new ionising radiation metrology program	Steven Judge
Recent developments investigating radiation doses to aircraft crew	Graeme Taylor
Pulse rise time analysis by digital methods	Nigel Hawkes
Comparative neutron and proton single event testing and international standards	Clive Dyer
The new Mn bath facility	Neil Roberts

Lunch 12:30

The afternoon session

Neutrons Galore – the fruits of multi MW beams

Bill Gelletly

A simulated neutron workplace field at NPL

David Thomas

**A much simplified Excel-based version of
SPKTBIB**

Graeme Taylor

**Engineering considerations for a portable
neutron spectrometer**

Bob D'Mellow

Tea 15:30

The New Style

