

# Education & Training Bulletin



Welcome to the YGN Education & Training Bulletin, which this month takes a closer look at the academic activities associated with the University of Birmingham's The Physics and Technology of Nuclear Reactors group, as well as the upcoming opportunity at the International Conference on Environmental Management (ICEM'07)

**The University of Birmingham** offers an extended MSc course with several PhD students in this area. Birmingham is running PhDs in Fusion Reactor Design in collaboration with the UKAEA Fusion site at Culham.

**UNIVERSITY OF BIRMINGHAM**

**The Physics and Technology of Nuclear Reactors MSc programme** demonstrates through close contact with the industry how nuclear power meets the energy and environmental challenges of the 21st century. Studentships are sponsored by the nuclear industry in the UK and these are seen to provide effective entry routes into careers in this stimulating field for physicists, mathematicians, metallurgists or engineers. This year the MSc has an intake of 36 students, up from the previous high of 19 in 1957!

### **Radioactive Waste Management and Decommissioning Diploma/Certificate**

This programme evolved as a response to needs expressed by industry and regulators for training opportunities in the important area of radioactive waste management and decommissioning. The Postgraduate Certificate block release programme covers radioactive waste management, decommissioning, underlying physics and laboratory experience. The three-module programme is spread over the autumn and spring terms in single- and double-week blocks. The Postgraduate Diploma is based on an additional fourth, work-based, project module. The University expects that applicants to this programme will probably already be employed in a related industry.

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The University of Birmingham has a large (and growing) number of students building on its 50 year history of providing an MSc in Nuclear Technology and from the YGN perspective is carrying out tremendous work in attracting talented young people into the industry. The addition of the RWM&D Diploma is a clear indicator that the department also wants to offer a rounded package for people already in the industry.

**ICEM'07** is the eleventh in a series of biennial international conferences on environmental remediation and radioactive waste



management organised by the American Society of Mechanical Engineers (ASME). The conference is sponsored by ASME in cooperation with professional societies of different host countries.

Following on from the success of the YGN Session at ICEM'05 held in Glasgow, YGN has been asked to organise a session at ICEM'07 on the theme of "Workforce Issues and Training Programs" and so YGNers are invited to supply abstracts by the 16<sup>th</sup> February so get a place at this prestigious event.

For further information about the ICEM conference please see [www.icemconf.com](http://www.icemconf.com) and for further information about the YGN Session, please contact Linda McLean [linda.mclean@britishnucleargroup.com](mailto:linda.mclean@britishnucleargroup.com) or +44 (0) 19467 76507

### **QUESTIONS / COMMENTS?**

Contact the YGN E&T Representative Stephen at:  
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In the next bulletin we will be focussing on  
**Sheffield University & the Immobilisation Science Laboratory (ISL)**

