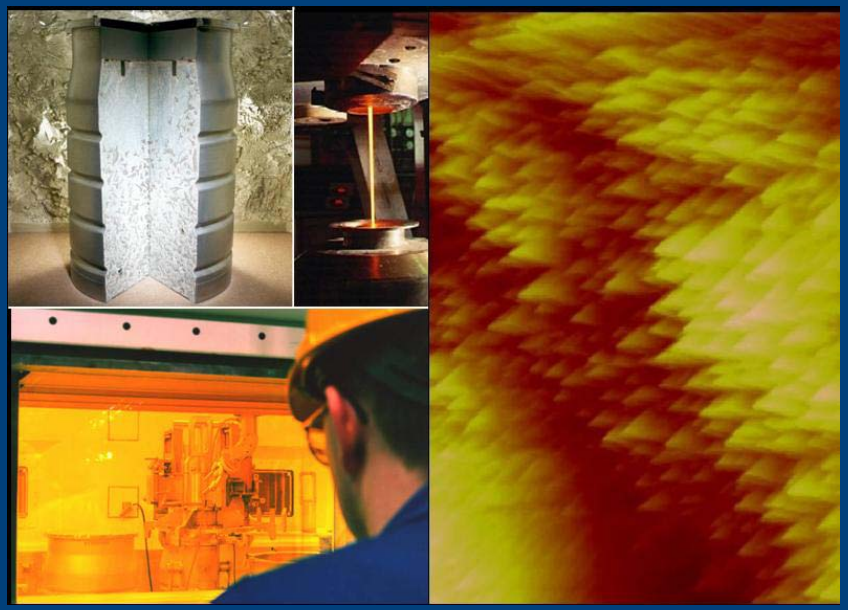
Materials for Nuclear Waste Management



RSC | Advancing the Chemical Sciences

MANCHESTER 1824
The University of Manchester
Dalton Nuclear Institute

ISL

RWIN

Programme

- Coffee and lunch in lower library

PROGRAMME

10.00	COFFEE
10.30	Welcome by the Chair **Professor Richard Clegg** *Director of the Dalton Nuclear Institute, University of Manchester*
10.45	The European political perspective. **Dr Derek Taylor** *Advisor on nuclear energy, Directorate-General for Energy and Transport (DG TREN), European Commission*
11.15	Overview of the different types of nuclear waste and different options for their disposal **Professor Charles Curtis** *Head of R&D Strategy, Nirex UK*
11.45	The facilities and scope of radioactive work in the UK **Professor Francis Livens** *Centre for Radiochemistry Research, University of Manchester, partner in the Dalton Nuclear Institute.*
12.15	LUNCH
13.00	Storage of radioactive wastes **Mr Richard Taylor** *Head of Technology, Nexia Solutions*
13.30	Problem wastes, wasteforms and knowledge gaps **Professor Bill Lee** *Professor of Ceramics and Head of Materials, Imperial College*
14.00	Immobilisation science – cements **Dr Neil Milestone** *Immobilisation Science Laboratory, University of Sheffield*
14.30	Immobilisation science – ceramics **Dr Greg Lumpkin** *Department of Earth Sciences, University of Cambridge*
15.00	COFFEE
15.15	Workshop activity
16.00	Nuclear waste in France: current and future practice **Dr Etienne Vernaz** *Directeur de Recherche, Département d'étude du Traitement et Conditionnement des Déchets, Direction de l'Énergie Nucléaire, CEA-Valrhô / Marcoule, France*
16.30	Closing remarks from chair

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Workshop

- Group 1 Lecture theatre (White)
- Group 2 Lower Library (Pink)
- Group 3 Council Room (Yellow)

Group 1

- **What know-how or dual use technology exists in other sectors/disciplines that could be brought to bear on the challenges facing nuclear waste management? How can new collaborations be encouraged?**

Group 2

- **What domestic programmes and skills in nuclear waste management research does the UK need to have? Does the UK have the capability to support such programmes?**

Group 3

- **What are the socio-political and socio-technical issues associated with nuclear waste management? Will and should these factors have an effect on the chosen solutions to storing nuclear waste?**