

London Materials Society

2002-2003

Thursday 3rd October – Guest Evening Materials and Models

Professor Timothy Watson, Department of
Microscopy and Imaging, Guy's Hospital, London
*A light hearted look at the role of dental materials science,
as applied to precision miniature engineering, for the
production of model steam locomotives and a recreation of
London scenery in the post war period.*



Thursday 7th November – CPD Lecture Fracture of Glass Cements

Dr. Robert Hill, Department of Materials,
Imperial College, London
*A review of the properties and applications of glass
polyalkenoate cements and presentation of some recent
insights into the fracture and failure of these cements.
Finally it will be demonstrated how a fracture mechanics
approach can be applied to adhesive bonding.*

Thursday 12th December – CPD Lecture Understanding the Nature of Particles, Pore Networks and Surfaces

Mr. Mike Tucker, Quantachrome UK
*The exposed surface and pore network of a material can
have huge influences on the final performance of a
product. Recent developments in both instrumentation and
mathematical modelling of data, have given the materials
scientist a powerful range of tools for the investigation of
surfaces and porous media. A range of techniques for the
investigation of these properties will be explored,
including instrument design, use and interpretation of
data.*



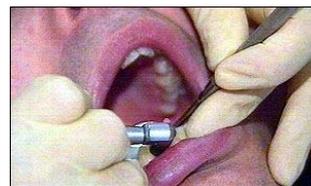
Thursday 9th January – Guest Evening To Boldly Go!!

Dr. Jason Maroethynaden, European Space Agency,
Holland
*An examination of materials used in space exploration and
the technology behind the space agencies' future space
exploration.*



Thursday 30th January – Guest Evening Jaws of Steel

Dr. David Brown, Dental Biomaterials,
Guy's Hospital, London
*I chart my own dental experiences during which many
different materials have been used to shore up my own
teeth. The science behind some of these will be explained
and, as a result, I will be delving into the fields of
metallurgy, polymer science and ceramics, but not too
deeply!!*



Thursday 13th February Lecture Competition (Under 21 Y.O.)

Thursday 27th February – CPD Lecture The Development of Me!

Dr. Mervyn Jones, CPD Director, Imperial College,
London

Thursday 6th March Lecture Competition (Over 21 Y.O.) (To be held at Imperial College)

Thursday 17th April – Guest Evening Engineering Tissues & Materials

Tissue Engineering Unit, Chelsea and Westminster
Hospital, London

*Does Dolly the sheep have a role in your future health
care? Can materials science help heal a broken heart?
These and many other issues will be examined in a number
of short presentations by the researchers of the Tissue
Engineering Centre.*



Thursday 8th May – CPD Lecture The Liddiard Lecture Microscopy & Materials

TBC – Royal Microscopical Society

*All lectures to be held at 1, Carlton House Terrace (unless otherwise stated)
All events start at 6:00pm All Guest Evenings have a buffet supper
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