

Invitation from

Professor Simon Gaskell, Principal

To the Inaugural Lecture

Measurement in orthopaedic systems; wear is it all going?

Julia Shelton

Professor of Medical Engineering

Wednesday 12 May 2010 at 6.30pm

Clinical Lecture Theatre

Francis Bancroft Building

Queen Mary, University of London

Mile End Road

London E1 4NS

A reception will follow the lecture.



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The successful prediction of lifetime performance of existing and novel skeletal tissue implants require the development of robust short term laboratory tests. Some of these will be described including the use of wear testing of total hip joint replacements. These tests provide both insights into aspects of clinical performance and design criteria for tissue engineering.

Julia Shelton, graduated from Cambridge University in Engineering Science before joining QMUL to undertake her PhD studies in collaboration with Johnson & Johnson Orthopaedics. She was appointed as a lecturer in Engineering and, in 1991, became a founder member of the IRC in Biomedical Materials. She has continued her collaborations with both healthcare professionals and a range of companies contributing invaluably to her research profile and teaching in orthopaedic systems.

Map: www.qmul.ac.uk/about/campus/mileend/index.html