

## MQPhotronics Seminar Series 2009

You are invited to attend a Free Seminar...

**WHEN: Friday 27th February, 11am - 12noon**

**WHERE: Lincoln Building (C8A), Senate Room (Level 3)**

**WHO: Dr Gail McConnell**  
**Centre for Biophotonics, University of Strathclyde, UK**

**TOPIC: Optimised laser sources for linear and nonlinear microscopy applications**

### **ABSTRACT:**

An overview of current photonics research at the Centre for Biophotonics, University of Strathclyde (Glasgow, UK) will be provided.

Their research is largely aimed towards improving sources for various imaging applications including confocal and multi-photon microscopy, photolysis and coherent anti-Stokes Raman scattering imaging. Hence, a synopsis of the improvements in imaging that can be achieved by employing nonlinear optical methods such as pre-dispersion compensation and white-light supercontinuum generation will be presented, in conjunction with incumbent biophysical applications.

Please be also aware that from now we will again have regular seminars each week, upcoming events are:

**12noon, Wed 4th March** C5C 498 **\*\*A/Prof. David Coutts**  
"OSP at the Univ. of Bath: Fibre Gas Lasers and other exciting adventures in England"

**12noon, Wed 11th March** C5C 498 **\*\*Jens Thomas**, Friedrich Schiller University, Jena, Germany "Femtosecond laser written fibre Bragg gratings"

**12noon, Wed 18th March** C5C 498 **\*\*A/Prof. Mick Withford**  
"OSP at the University of Franche-Comté in Besançon: Photonics research and other exciting adventures in France"