



Cambridge Society for the Application of Research

Churchill College
Storey's Way
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www.csar.org.uk

Laser Photonics Fireworks all year round!

Dr Bill O'Neill

Reader in Laser Engineering, Department of Engineering
University of Cambridge

7.30 p.m., Monday 16th November, 2009

The Wolfson Lecture Theatre, **Churchill College**, Storey's Way, Cambridge

**NOTE: we are now back to our normal venue of the Wolfson Lecture Theatre;
coffee will be served in the foyer, as tradition dictates!**

About this lecture:

Dr O'Neill is out of the country at the time of writing, but I am assured he will be available for our lecture! So this flyer has been based upon published material, supplemented by your Organising Secretary's experience at an earlier presentation by Dr O'Neill.

Laser Photonics is one of Dr O'Neill's interests; he is based in the Institute for Manufacturing, and he has some spectacular material on the working of metals using high-powered lasers.

He hasn't asked to give a demonstration as yet; but do I recommend you to bring along welding goggles or dark glasses, in case he changes his mind!

About the speaker:

Bill is a lecturer in production processes. He has written over 70 scientific papers on the subject of laser-matter interactions, optical engineering and manufacturing process technologies. He is a member of several government and industrial advisory boards, of the EPSRC peer-review college, and a non-executive director of Advanced Laser Solutions.

Dr O'Neill's research interests include flexible manufacturing, laser/matter interactions and nanoscale fabrication.

The Organising Secretary adds....

We are back in Churchill College! Warmest thanks to the Biochemistry Department, and in particular to Barbara Humphrey, Chris (the AV technician) and of course to our Council Member, Sir Tom Blundell, for allowing us to use their excellent, cosy and perhaps even intimate lecture theatre in Tennis Court Road.

Vote of Thanks? Would any of our members like to **propose the VoT**? It occurs to me that there will be people in the audience who know quite a lot about using industrial lasers! If so, please contact me ASAP by email or phone; see below for details

Coffee will be available in the foyer outside the Wolfson Lecture Theatre from ~7.00 p.m.

Best Regards

Richard Freeman

Organising Secretary

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