

A roundtable discussion on:

ADAPTIVE OPTICS

Wednesday 16th May, 10:30 – 3:30
National University of Ireland, Galway
Room AO 208, Applied Optics Group, Arts and Sciences Building

This is the second in a series of roundtable discussion meetings organised by *lightHOUSE* (www.nuigalway.ie/lighthouse). These informal meetings focus on the interchange of ideas and knowledge, in topics of relevance to industry.

Adaptive Optics is the art and science of correcting unwanted distortion and instabilities in optical images and beams. The technology is evolving from early use in military systems, and in astronomy, to applications in vision, optical communication, lasers and microscopy, with many other potential uses, for example in digital imaging systems. In this roundtable discussion meeting, the principles and applications of adaptive optics will be described, and demonstrations will be given of the components of adaptive optics systems and of complete working prototype systems. There will be ample opportunity for interaction and discussion.

This meeting is aimed at scientists, engineers and managers in industry who wish to:

- Keep abreast of the latest technological developments in optical imaging
- Understand the basic principles of adaptive optics
- Find out if adaptive optics and related technologies might play a role in your markets
- Interact with experts in optical systems.

Programme

11:00 Coffee
11:30 Principles of Adaptive Optics
12:30 Lab Tour and Demonstrations of Adaptive Optics components and systems
13:15 Lunch
14:15 Applications of Adaptive Optics
14:45 Discussion
15:30 Refreshments and Close

The roundtable is chaired by Professor Chris Dainty.

There is a fee of €100 which includes refreshments, lunch and a paper copy of the presentations. Please register in advance by returning the form below to Emer McHugh, Applied Optics Group, Physics Department, National University of Ireland, Galway, Ireland or sending details by email to: emer.mchugh@nuigalway.ie

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I wish to attend the roundtable on Adaptive Optics on 16th May 2007.

Name: _____

Organisation: _____

Address: _____

Telephone and Email: _____

Payment:

(a) Cheque made payable to "National University of Ireland, Galway" for €100

or

(b) Credit Card No. (Mastercard or Visa). _____

Name on Card _____

Expiry Date _____