

# Perspectives on Design and Bioengineering: A symposium in honour of C.G. Lyons

Wednesday, 15th October 2008

Crossland Lecture Theatre, Parsons Building, Trinity College Dublin

## Introduction to the Symposium

10:45 Prof. Patrick Prendergast & Dr. Ciaran Simms

## Session 1:

Chair: Prof. John Monaghan

11:00 **Prof. John Fitzpatrick**

*The Life and Times*

11:20 **Dr. Paul Young**

*Across: 1. Press precisely to ensure success*

11:40 **Mr. Dermot Geraghty**

*Computing by the slice*

12:00 **Dr. Ciaran Simms**

*Developments in crash safety: a triumph of design in bioengineering*

12:30 Lunch (Boardroom)

## Session 2:

Chair: Prof. David Taylor

14:00 **Dr. Fiona Newell**

*The Haptic Stimulus Display: a device for elucidating the cognitive neuroscience of tactile perception in humans*

14:20 **Dr. Melanie Van Loocke**

*An engineering view on skeletal muscle behaviour*

14:40 **Dr. Daniel Kelly**

*Design of next-generation medical devices*

15:00 **Dr. Laoise McNamara**

*Bones of Contention - how sticks and stones may break our bones*

15:20 Coffee

## Session 3:

Chair: Prof. Darina Murray

15:50 **Prof. Garrett Scaife**

*John Philip Holland- the importance of education in the emergence of an innovative engineer*

16:10 **Dr. Garret O'Donnell**

*Using precision manufacturing technologies to realise advanced component designs - cases in the biomedical device industry*

16:30 **Dr. Gareth Bennett**

*To design a designer to design designs*

16:50 **Prof. Richard Reilly**

*Multimodal fusion within biomedical device design and for the design of improved patient care*

## Closing remarks

17:10 Dr Ciaran Simms

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17:45 Launch of Festschrift and reception (Parsons Building)

19:00 **1592 Restaurant:** Dinner for speakers & invited guests hosted by Prof Henry Rice, Head of Mechanical & Manufacturing Engineering

