

Cranfield University at Kitakyushu
Kitakyushu Science and Research Park
2-5-4F Hibikino, Wakamatsu-ku, Kitakyushu
808-0135, JAPAN
TEL +81-93-695-3053
FAX +81-93-695-3054

1st October 2008

To whom it may concern

We are pleased to inform you about the **2nd International Optical Sensors Symposium** for '**Optical sensor development and applications**' that will be held on Tuesday 11th November 2008 in the Kitakyushu Science and Research Park. It will be followed by collaboration workshops on 12th November. The symposium is sponsored and organised by Cranfield University at Kitakyushu in collaboration with the "International Centre for Environmental Research and Development" of the Faculty of Environmental Engineering, University of Kitakyushu.

The key objective of the symposium is to review and disseminate widely the current work and expertise in the field of optical sensors as represented by the participating organisations and particularly the collaborative activities on the KSRP campus. The function of the workshops on the following day is to recognise and agree directions for further developing this expertise, particularly in terms of product development, and to widen the opportunities for collaboration to academic and industrial partners within the East Asia hub.

We look forward to your participation.

William Batty



Director
Cranfield University at Kitakyushu

2nd International Optical Sensors Symposium

Optical sensor development and applications

Tuesday, 11th November 2008

9:00 – 17:30

Admission: free

Place: 2F Business Venture Support Centre, Kitakyushu Science Research Park
1-8 Hibikino Wakamatsu-ku Kitakyushu 808-0135 Japan

Organised and sponsored by

Cranfield University at Kitakyushu

in collaboration with

“International Collaboration Centre for Environmental Research and Development”
The University of Kitakyushu

Programme

The language of the symposium will be English

<i>Time</i>	<i>Theme</i>	<i>Speaker</i>
09:15 – 09:30	Opening Speech and Welcome	Prof Y. Matsufuji – KKU
09:30 – 10:00	Keynote Speech	Prof Sir John O'Reilly, President CU
10:00 – 10:30	An overview of analytes for optical sensing devices	Prof W.J. Batty – CUK
10:30 – 11:10	Fibre-optic chemical sensors: material design for sensitivity and selectivity enhancement	Dr S. Korposh – KKU
11:10 – 11:50	Photonic crystal fibre sensors	Prof K. Ma – C-HU
11:50 – 12:30	Developments for bioparticulate detection	Prof A. Nogami – KKU
12:30 – 13:15	<i>Lunch</i>	
13:15 – 13:45	Gas detection using tunable diode laser spectroscopy (TDLS)	Dr J. Hodgkinson – CU *
13:45– 14:15	Medical applications for gas sensing	Dr C. Turner – CU
14:15– 14:45	Optical sensing of physical measurands	Dr. S. James – CU
14:45 – 15:15	Bioparticulate application	Dr. C-S Lee – KRIBB
15:15 – 15:30	<i>Break</i>	
15:30 – 16:00	Designed molecular interfaces for novel bioelectronics devices	Prof T. Haruyama – KIT
16:00 – 16:30	Processing signals and data from optical sensors for multi-analyte detection	Dr C. Bessant – CU
16:30 – 17:00	Using genetic network programming analysis for post-processing sensor data output	Dr. K. Shimada – IPSRC, WU
17:00 – 17:30	Bringing it all together – a summary of the symposium contributions and analysis for future directions	Prof S-W Lee – KKU
17:30 – 17:45	<i>Discussion</i>	

Abbreviations, C-HU Chung Hua University, Hsinchu, Taiwan
CU Cranfield University, Cranfield, UK
KIT Kyushu Institute of Technology, Graduate School of Life Science and Systems Engineering
KKU Kitakyushu University, Faculty of Environmental Engineering
KRIBB Korea Research Institute of Bioscience & Biotechnology
IPSRC, WU Information and Product System Research Centre, Waseda University

* Dr Jane Hodgkinson's contribution will be presented by Dr Steve James.

Application

Please send your information regarding the following items by FAX (+81-93-695-3054) or by e-mail to info@cranfield.jp by 4th November, 2008. Please do not hesitate to contact us if you have any queries.

I would like to participate in the 2nd International Symposium "Optical sensor development and applications":

Name: _____

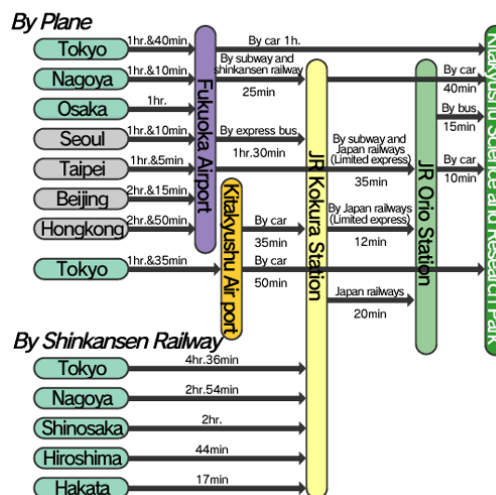
Affiliation: _____

Address: _____

TEL _____ FAX _____

E-mail _____

Location



Access

From Fukuoka Airport take the subway to Hakata and take JR Train of Kagoshima Line. Get off at Orio Station. Leave the station by the West Exit and take the bus for KSRP from the opposite side of the road, numbers 61 or 65. The nearest bus stop to Business Venture Support Centre, the venue for the symposium, is 'Hibikino Minami'.

