

PROCESS INTENSIFICATION NETWORK (PIN)

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October 2006.

Dear PIN Member,

13th PIN Meeting, The Beehive, University of Newcastle upon Tyne, 16 November 2006.

Please find here information on the next PIN meeting, to be hosted by the Process Intensification Group, School of Chemical Engineering and Advanced Materials, Newcastle University. The meeting will be held in The Beehive – the Old Library on the campus – see map. The campus is in the city centre, close to Haymarket Metro Stn. There is a large car park north of the campus. Registration/coffee will be from 09.30 and the meeting will start at 10.15, (see agenda).

There are many hotels in Newcastle, several in Jesmond being within walking distance of the campus. Others are easily reached by the Metro train system, as is the International Airport and the Central Station (rail). A selection of hotels and guest houses is attached as a separate pdf file. Alternatively, some hotels have special rates for those visiting the University. The Excel file gives these, **but bookings must be made through the School – contact Dr. Adam Harvey on A.P.Harvey@newcastle.ac.uk or phone him on +44 (0) 191 222 7268.** There are limited parking spaces on the campus – contact Adam for reservations, if available. Maps of the campus, city, and travel details to the city and the University can be accessed via <http://www.ncl.ac.uk/travel/info/>

There will be a fee to cover lunch, refreshments and network costs. Information on the fees for 2006 is given on the next page. **An invoice for the appropriate fee will be sent upon receipt of your reply form indicating your attendance – please return this form to me by 9 November.** If you need to make a purchase order, please send it to me well in advance of the meeting. Payment may be made on arrival at the meeting, by cheque or cash (Sterling or Euros).

Please also indicate whether you wish to give a 5 minute *impromptu*. Also, if there is sufficient interest, we will organise a moderately-priced meal out near the City centre on the Wednesday evening. Please indicate on the Reply Form if you are interested.

With kind regards.

David Reay.

Below: Fees, Provisional Agenda, Reply Form.

Attached: Hotel list, & campus map.

FEE STRUCTURE FOR PIN MEETINGS – 2006,

The PIN Committee has agreed the following fees for attending meetings for 2006, (all other PIN ‘deliverables’ currently remaining free of charge):

Delegates from industry:

1st delegate.....£100.00 plus £17.50 VAT = £117.50
Additional delegates (each).....£50.00 plus £8.75 VAT = £58.75

Academics:

Each delegate.....£50.00 plus £8.75 VAT = £58.75

Undergraduates/ PhD students/ Post-Doc students:

Each delegate.....£25.00 (Including VAT)

Speakers – by notification

The fee covers lunch, tea, coffee and all hand-outs, as well as attendance.

PROCESS INTENSIFICATION NETWORK MEETING

The Beehive, Newcastle University, 16 November 2006.

PROVISIONAL AGENDA

09.30 – 10.15 Registration & Coffee

10.15 Welcome to Newcastle University

Chairman for the Morning: Colin Ramshaw, Protensive Ltd.

10.25 – 10.30 PIN – What's new since the last meeting! *David Reay, PIN Co-ordinator.*

Technical Presentations

10.30 – 11.00 Holdup in Rotating Liquid Contactors. Dr. Jon Lee, Newcastle University.

11.00 – 11.30 PI in Food & Drink Processing: Opportunities, Current Barriers and some Solutions to Savour. Richard Poynton, Profit & Planet + The Technology Partnership plc.

11.30 – 11.55 Biodiesel Production Intensification Projects at Newcastle. Dr. Adam Harvey, Newcastle University.

11.55 – 12.05 Short Break

12.05 – 12.35 A Practical Approach to Scale-up Using Bench-top Twin-screw Extruders. Alan Swanborough, Thermo Electron Corporation, UK.

12.35 – 13.00 Bioprocess Intensification: Oxygen Transfer Enhancement for potential application to Fermentation Processes.

13.00 – 14.00 BUFFET LUNCH & NETWORKING

Chairman for the Afternoon: David Reay.

Technical Presentations (cont.)

14.00 – 14.20 IMPULSE. Dr. Alexis Bazzanella, DECHEMA e.V., Germany.

14.20 – 14.40 Chemistry Innovation Knowledge Transfer Network. John Whittall, Portfolio Platform Manager, Chemistry Innovation.

14.40 – 15.00 *Impromptu* Presentations

Please see the Reply Form if you wish to make an *impromptu* presentation.

15.00 Tour Chemical Engineering Laboratories to see PI Activities (Merz Court).

You should see spinning disc reactor, oscillatory flow reactor, bio-intensification and bio-separation rotating packed bed.

16.15 – 16.45 Tea available & meeting close (The Beehive)

The Process Intensification Network (PIN) is co-ordinated by Colin Ramshaw and David Reay on behalf of its Members and the Steering Committee.

PROCESS INTENSIFICATION NETWORK MEETING

The Beehive, Newcastle University, 16 November 2006.

REPLY FORM

I will be attending the PIN meeting.....YES/NO

I will be accompanied by.....

I nominate the following to attend in my place.....

I wish to give a 5 minute (max) *impromptu* presentation on the subject of.....

.....

I am interested in joining PIN for dinner on the evening of 15 Nov.....Yes/No

Please send me: A map.....Yes/No

Special requests.....

**The Heat Exchanger Action Group (HEXAG) meeting is in Newcastle on Friday
17 November. Please send me data on this event:**

.....Yes/No

Name.....

Organisation.....

Postal address (for maps).....

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FAX.....

Email.....

**Please return form to David Reay, PO Box 25, Whitley Bay, Tyne & Wear, NE26
1QT, UK.**

Or fax to +44 (0) 191 252 2229.

Or Email your answers to DAReay@aol.com