



**Advances in Process Analytics
and Control Technologies
2009 Conference**



***“Process Analysis and
Control for Profit”***

Call For Papers

Tuesday 5 May - Thursday 7 May 2009

**The Hilton Hotel
Glasgow**





APACT 09

THERE'S MONEY TO BE MADE IF PROCESS ANALYSIS AND CONTROL ARE INTEGRATED PROPERLY.

SUCCESSFUL USE OF PROCESS ANALYSIS AND CONTROL INVOLVES MANY TECHNOLOGIES - IT IS TRULY A MULTIDISCIPLINARY ACTIVITY.

Process analysis and control technologies are increasingly important to manufacturing companies in the pharmaceuticals, chemicals, petrochemicals, biotechnology, food and other industries. The financial, safety and environmental benefits of Process Analysis and Control (PAC) are proving powerful incentives and increasing numbers of companies want to participate in the PAC revolution. In-process measurements and real-time data analysis are also increasing in importance at the discovery and development stages, when attempting to reduce time-to-market through "quality by design", achieved by acquisition of better fundamental knowledge of a process.

APACT 09 is an open forum for the presentation and discussion of recent advances in engineering and scientific topics relevant to process analytics and control technologies. Plenary and keynote speakers will describe the formulation and implementation of PAC strategies, review the benefits that can be achieved, and report recent developments. Following the success of previous conferences in Glasgow, York, Bath, Birmingham, Oxford and Edinburgh, APACT 09 will be a three-day meeting featuring plenary and parallel sessions on topics crucial to the achievement of manufacturing excellence.

The conference is open to all interested participants and will provide opportunities for academics and industrialists to present their knowledge and research to an informed multi-disciplinary audience. The programme will include contributed lectures, poster presentations and a vendor exhibition. The meeting is an ideal forum for networking and information gathering on PAC. Those new to process analysis or process control will benefit from the friendly atmosphere that typifies an APACT conference.

Registration cost includes lunches, dinner on two evenings, and a social programme. There will be a reduced cost student registration fee to encourage participation of younger researchers.



www.apact.co.uk



Speakers include:

Alan Brown, Syngenta - *"Improving process understanding through data analysis"*

Chris Brown, Ahura Scientific - *"Reactive Raman and FTIR systems in very small packages"*

Philippe Caze, Corning - *"Process development and industrial production using micro reactors"*

Irl Duling, Picometrix - *"Terahertz measurement of material properties for process control"*

Staffan Folestad, AstraZeneca - *"Bridging science and regulation - The PAT (r)evolution in the Pharma Industry"*

Volker Hessel, Institut für Mikrotechnik Mainz - *"Sustainability through green processing"*

Anna de Juan, University of Barcelona - *"Advances in multivariate curve resolution and hybrid hard- and soft-modelling approaches for process analysis"*

Bo Kara, Avecia - *"PAT - Biologics development and manufacturing"*

Alvaro Diez Lazaro, Dow - *"Driving the development of PAT"*

Call for Papers

Papers are requested for both oral and poster presentations on any topics relevant to process analysis and control, in-process measurements and data analysis, including the following themes:

- On-line/Non-invasive Analysis Techniques
- Miniaturisation of Sensors
- Process Intensification and Miniaturisation
- Design of Experiments
- Multivariate Curve Resolution
- Calibration-free Methods
- Process Control and Optimisation
- On-line Process Diagnostics
- Signal Processing
- Process Performance Monitoring
- Data Mining
- Chemometrics
- Micro flow reactors
- Industrial Applications
- Image Analysis
- Cost-benefit Analysis

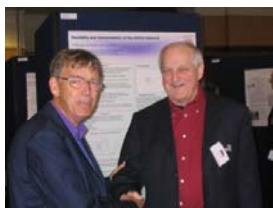


Submission of Abstract

Abstracts (maximum 500 words) may be submitted on-line at www.apact.co.uk or e-mailed to natalie@cpact.com by Monday, 15 December 2008.

Please indicate if an oral or poster presentation is preferred and ensure that the following contact details are provided:

- Title
- Name
- Organisation
- Address
- Telephone/Fax
- Email



Important Deadlines

Deadline for submitting abstract: Monday 15 December 2008

Notification of acceptance: Monday 12 January 2009

Final programme issued: Monday 2 February 2009

Registration deadlines:

Early Registration Discount - before Friday 27 February 2009

Last date for registration - Monday 20 April 2009

Accommodation to be reserved - by Monday 16 March 2009

Exhibition

Equipment and software from vendor companies will be exhibited during the conference. In addition, there will be a number of sponsorship opportunities for participating companies.

Any interested companies should contact the CPACT Administration Office for further details. (Email: natalie@cpact.com Tel: +44 (0)141 548 4836)





APACT 09 CONFERENCE REGISTRATION FORM

| | On or before 27.02.09 | After 27.02.09 |
|-------------------------------------|---|--|
| Registration Fee (CPACT members) | <input type="checkbox"/> £540* inc. vat | <input type="checkbox"/> £590 inc. vat |
| Registration Fee (non-members) | <input type="checkbox"/> £640* inc. vat | <input type="checkbox"/> £690 inc. vat |
| Student Discounted Registration Fee | <input type="checkbox"/> £199 inc. vat | <input type="checkbox"/> £199 inc. vat |

* Discounts available for more than 2 registrations per organisation. Please contact Natalie Driscoll for more details: natalie@cpact.com

The above fees include proceedings, coffee and lunch during the three days of the conference. Dinner on Tuesday 5 May and a special conference dinner on Wednesday 6 May are also included. Fees are refundable only up to two weeks before the event. Substitution may be made at any time.

ACCOMMODATION has been reserved at the Hilton Hotel, 1 William Street, Glasgow, G3 8HT. Telephone no: +44 (0)141 204 5555. Website: www.hilton.co.uk/glasgow
Please tick boxes below for room reservations.

IMPORTANT: Room rate to be paid to CPACT with registration fee.

| | | |
|-----------------|--------------------------|------------------------|
| Monday 4 May | <input type="checkbox"/> | B&B rate £110 inc. vat |
| Tuesday 5 May | <input type="checkbox"/> | B&B rate £110 inc. vat |
| Wednesday 6 May | <input type="checkbox"/> | B&B rate £110 inc. vat |

METHOD OF PAYMENT

Please indicate method of payment below. Cheques should be enclosed and made payable to 'University of Strathclyde - CPACT'.

Visa ☐ Mastercard ☐ Cheque ☐

Card No. Total to charge
Expiry Date Security Code (CVC No):
Name on Card
Signature
Title Name
Job Title Department
Organisation
Address
..... Postcode
Telephone Fax
e-mail.....

Register on-line at www.apact.co.uk or return completed form to:

Natalie Driscoll, CPACT, c/o Department of Pure & Applied Chemistry, University of Strathclyde, 295 Cathedral Street, Glasgow G1 1XL
Email: natalie@cpact.com Tel: +44 (0)141 548 4836 Fax: +44 (0)141 548 4713

www.apact.co.uk



Conference Venue

APACT 09 will take place at the Hilton Hotel, which is a stunning 20 storey landmark building at the heart of the city, less than a mile from Central and Queen Street train stations and only 8 miles from Glasgow Airport.

The hotel provides stunning views of this vibrant city, which combines Victorian elegance and modern architecture and ideas. For extra pampering and relaxation you can take advantage of a wide range of health and beauty treatments at the fully equipped Spa which offers a superb indoor swimming pool, invigorating spa bath, steam room, sauna and fitness suite. All bedrooms are of a high standard and include high speed internet access.

If you have time to spare in Glasgow before or after the conference, then the city centre is surrounded by many cultural attractions. Glasgow has an excellent selection of more than twenty museums and art galleries, many of which are free. Close by, in Royal Exchange Square, you will find the contemporary Gallery of Modern Art which displays works by local and international artists. Just across the river Clyde, lies the Glasgow Science Centre which comprises the IMAX Cinema, Science Mall, Glasgow Tower, Planetarium and Virtual Science Theatre. The Glasgow Hilton is also perfectly situated for exploring the city's shops ranging from a variety of high street chains to exclusive chic boutiques.

Only half an hour from the city centre, delegates will find themselves worlds apart from the bustle and excitement of Glasgow. A host of activities of a different sort are on offer, from the watersports of Loch Lomond and the Trossachs, the forest walks in Argyll, to the scenic resorts of the River Clyde and Ayrshire Coast.

Travel to the Hilton Hotel -

Air: Glasgow Airport is 20 minutes drive and

Edinburgh Airport is approximately a 1 hour drive

Road: Easily accessible from the M8 motorway

Rail: Glasgow Central and Queen Street stations are less than a mile from the Hilton Hotel.

