



UNITED ENGINEERING FOUNDATION

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**General Announcement
and Call for Abstracts**
Deadline: September 30, 2001



Process Innovation and Process Intensification (PI)² Conference

**September 9 – 13, 2001
Edinburgh, Scotland, UK**

About this conference

The United Engineering Foundation (UEF) announces the first conference in Process Innovation and Process Intensification (PI)². It is evident that Process Innovation and Process Intensification are a means to affect improved refining, chemical and biochemical processes. Government regulation and economic survival dictate that tomorrow's processes consume less energy and raw materials, treat less waste, cost less to build and operate, and provide lower risk to safety and the environment. This conference thus provides an extended forum for PI² researchers worldwide to present their recent discoveries, developments and challenges in Chemical, Biochemical, Biomedical Engineering and related disciplines.

The proposed conference will focus on the following areas:

- Reaction Engineering/Novel Reactors;
- Material Processing;
- Mixing, Mass/Heat Transfer and Separations;
- Measuring Techniques and Advanced Modelling/Simulation Techniques.

The conference will follow the established format of morning and early evening sessions of oral presentations and keynote speakers, accompanied by poster presentations and workshops. It is planned to include visiting St. Andrews and possibly a round of golf in the famous Old Course on Wednesday 12th September from noon for conference attendees and their accompanying guests. Early booking is highly recommended.

Conference chairs

Professor **Xiong-Wei Ni**, Department of Mechanical and Chemical Engineering, Heriot-Watt University, Edinburgh, EH14 4AS, Scotland, UK. Tel: +44-131-451-3781, Fax: +44-131-451 3077, email: x.ni@hw.ac.uk

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Conference steering committee

Professor **Xiong-Wei Ni** (See contact information above.)

Mr. **David Trent** (See contact information above.)

Professor **Malcolm Mackley**, Department of Chemical Engineering, Cambridge University, Pembroke Street, Cambridge CB2 3RA, UK. Tel: +44-1223-334 784, Fax: +44-1223-334 796, email: mrm1@cheng.cam.ac.uk

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Organising committee

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Professor **Joao R. Guedes de Carvalho**, Departamento de Engenharia Quimica Faculdade de Engenharia, 4050-123 Porto, Portugal. Tel: +351-22 204 1640, Fax: +351-22 200 0808, email: jrguedes@fe.up.pt

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Oral and poster presentations

The oral presentations will consist of both plenary lectures and refereed papers. For refereed papers, the format is 20 minutes for presentation plus 5 minutes for questions.

Poster sessions will be a significant part of the conference program since they offer the unique opportunity for focussing on specific topics of interest and expanding beyond the limitations of the oral presentations.

Submission of abstracts

Original papers for either oral or poster presentations at the above listed topics are invited. Authors willing to have their contributions considered for an oral or poster presentation need to submit a one page abstract by **30th September 2001**. Instructions for the submission are provided in the UEF web site (www.engfnd.org/2ap.html). The organizing committee will review all abstracts, and authors will be notified by December 2001 whether the abstract has been accepted, and if accepted, whether for an oral or poster presentation.

The following is the proposed timetable for the PI² conference:

30 September 2001	Deadline for abstract
December 2001	Notification of acceptance
31 st March 2002	Submission of 8-page manuscript

Publication of proceedings

Arrangements are in progress to provide for the publication of papers that will be presented at the conference in a prestigious international journal. Instructions on submissions of manuscripts will be sent for those presentations have been accepted.

Attendance of conference

Attendance will be limited and **by invitation only** in order to ensure the ability to interact with all participants. Any person wishing to attend the conference must submit an **application form** to the UEF by December 2001.

United Engineering Foundation (UEF) conferences fellowship program

The UEF sponsors a Conference Fellowship Program. Applicants are limited to those currently active in engineering or related professions with a direct interest in the conference topic. The Fellowship is sufficient to cover the conference registration fee and on-site room and board. Transportation expenses are not included. Application information may be obtained from the UEF web site (<http://www.engfnd.org>) or by fax from the Foundation (1-212-591-7441) and must be submitted by 1st May 2002.

United Engineering Foundation Conferences

The United Engineering Foundation (UEF) sponsors this conference. The UEF conferences program was established in 1962 to provide an opportunity for the exploration of problems and issues of concern to engineering from many disciplines. The format of the conference provides morning and evening sessions in which major presentations are made. Available time is included during the afternoons for *ad hoc* meetings and informal discussions and is designed to enhance rapport among participants and promote dialogue on the developments of the meeting. We believe the conferences have been instrumental in generating ideas and disseminating information to a greater extent than is possible through more conventional forums. All participants are expected to contribute actively to the discussions.

Edinburgh, Scotland

Edinburgh, the Capital city of Scotland, has the finest culture, architecture, shopping, and social life in Europe. The 'old town' or medieval city is crammed with pubs, restaurants and shops, overlooked by the famous Edinburgh castle that can be seen from across the city. The 'new town' to the north is the most extensive and best-preserved example of Georgian cityscape in Europe, a tribute to Edinburgh's liberal intellectual heritage. The Royal Botanic Gardens feature 70 acres of beautiful gardens and greenhouses. The former royal yacht Britannia is docked on Ocean Drive in Leith and is open to visitors. Dynamic Earth, a new museum near Holyroodhouse Palace, offers the story of Earth in all its diversity. Visitors can experience icebergs, volcanoes and tropical rainforests, among other things, in eleven galleries with stunning special effects.

Uniquely Scottish attractions include the Caledonian Brewery, Clan Tartan Centre at Leith Mills, Glenkinchie Distillery, Scotch Malt Whiskey Society, Scotch Whiskey Heritage Center, and the Tartan Weaving Mill and Exhibition.

Edinburgh is a vibrant city with the feel and excitement of London or Paris, while remaining intimate and friendly. It is a city that people from across the world have come to know and love. Every August, the world famous Edinburgh International Festival takes over the city with music, comedy and theatre. Hundreds of thousands of people from all over the world arrive to take part and share in the culture of a great European city. The proposed conference dates will be just after the famous festival.

Scotland is recognized the world over as the "Home of Golf", there are over 100 golf courses in the vicinity of Edinburgh, including the three famous Championship courses - St Andrews, Gleneagles and Carnoustie, all within easy traveling distance. St. Andrews is just an hour and half away from Edinburgh. It is planned to visit St. Andrews as one of the conference excursions, with possibility of playing a round of golf in the world renowned Old Course. *If you are interested in a round of golf just before, during or just after the conference, please be sure to complete and return the questionnaire.*

Set amidst the beautiful landscaped parklands of Heriot-Watt University, Edinburgh Conference Centre is one of the UK's leading academic conference venues, with a range of year round meeting facilities, exhibition space, accommodation and an extensive range of on-site services. It is ideal for this conference. It is also intended that every dinner will be taking place in a different place in and out of Edinburgh in order to exploit the historical city.

Visit www.edinburgh.org for more detailed information.

Transportation to Edinburgh and Edinburgh Conference Centre **Getting to Edinburgh**

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| By rail | The mainline rail network serves the centre of Edinburgh well. Edinburgh Waverley is at the east end of Princes Street, and Haymarket station is in the west end. Reach Riccarton by bus, taxi or car. |
| By air | Edinburgh International Airport is served by scheduled national and international flights. The airport is on the west of the city, not far from the campus. The journey by taxi takes about 10 minutes, and a regular bus service links the airport and the city centre. |

Getting to Edinburgh Conference Centre at Riccarton Campus, Heriot-Watt University

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|-------------|--|
| By road | Heriot-Watt University's campus at Riccarton is easily accessible by car both from the centre of Edinburgh (6 miles) and from all major routes leading to the city. The University is half a mile from the Calder Junction of the A720 Edinburgh By-Pass and the A71 (signs for Heriot-Watt University are on approach to Calder Junction).
On the M8, from Glasgow, turn right at the Hermiston Gait roundabout following the signs for the A71.
The A720 is a dual carriageway that skirts Edinburgh and can be accessed from all the major routes entering and leaving the city: A90 (North), M8 and M9 (West), A702 (South and M6), A7 and A68 (Borders and South), A1 (South and East). |
| Car parking | Unless prior arrangements have been made, visitors should park in the visitors' car park (campus map will be provided in the registration packet) on the right of the Avenue as they arrive. |
| Taxis | There are a number of taxi services in the centre of Edinburgh including those at Waverley Station (rail) and St Andrew Square (coach station). The journey to Heriot-Watt University at Riccarton takes about 20 minutes. At Riccarton, taxis can be requested from the reception desk in the James Watt Centre. |

Conference Excursions

Edinburgh is a historical city, and a number of optional excursions will be organised, e.g. Edinburgh Castle, Holyroodhouse Palace, Scottish Whisky Centre, St. Andrews, etc. There will be sign-up sheets in the Conference Registration package and at the registration for those who are interested in participating. The excursion fees will cover the rental of bus and entry fees. A boxed lunch will be provided.

Conference Fees

The conference fee includes registration, publication, accommodations, breakfasts, lunches, coffee breaks and two dinners/receptions (Sunday night and the banquet). The tentative fees are

Participant (Single Room)	US	\$1235.
Participant (Sharing with another Participant)	US	\$1175
Bona fide Graduate Students (Sharing)	US	\$ 780
Guest	US	\$ 395

Final cost will be re-calculated, using current exchange rates, when the registration packets are mailed.

If you know of colleagues who would be interested in this conference, please recycle your announcement by passing it on to them. Thank you.

For further information, please contact:

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APPLICATION / REQUEST FOR NEXT MAILING

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Name: Mr., Ms., Dr., Prof. _____
(Circle one) First name Last name/surname/ family name

Nickname for badge _____ Job Title: _____

Organization or company: _____

Mailing address: _____

City: _____ State or Province: _____

Zip Code: _____ Country: _____

Telephone: _____ Fax: _____

E-mail: _____

REQUEST FOR ADDITIONAL INFORMATION

- ☐ I am submitting an abstract for oral presentation
- ☐ I am submitting an abstract for poster presentation
- ☐ I am not submitting an abstract but please send me the next mailing.
- ☐ I have submitted the golf/excursions questionnaire

In particular, if you wish to play a round of golf in the Old Course in St. Andrews, you need to pay a non-refundable deposit of \$120 by **30th September 2001**, as one would appreciate it, the tee-off times have to be booked one year advance.