



2nd International Symposium
on
**Tools and Methods for
Concurrent Engineering**

21 - 23 April 1998

at
**Manchester Metropolitan
University, Manchester, UK**

Sponsored by

**The Manchester Metropolitan University, UK
The University of Derby, UK
Delft University, Netherlands
University of Budapest, Hungary**

Co-Sponsored by

**The Institute of Mechanical Engineers
The Institute of Electrical Engineers
Hungarian Scientific Society
of Mechanical Engineers
Concurrent Engineering Research
and Application Institute
European Society of Concurrent Engineering**

INTRODUCTION

We invite you to join us in Manchester for the 2nd International Symposium on Tools and Methods for Concurrent Engineering (TMCE '98).

Following the success of the 1st International Symposium on Tools and Methods for Concurrent Engineering (TMCE '96) held at the Institute of Machine Design, Budapest 1996, the 2nd Symposium will be held on 21-23 April, 1998 at The Manchester Metropolitan University, Manchester, UK.

The focus of the TMCE '98 symposium and the accompanying workshops will be to present and discuss new trends in new product development such as; global concurrent engineering and virtual enterprises, the development of enabling tools, such as; QFD, FMEA, LCA, collaborative design supports, intelligent software agents, information and knowledge sharing, and the adoption of such tools and techniques by manufacturing companies.

RELEVANT TOPICS

The TMCE '98 Symposium will focus on advanced concurrent engineering topics, including:

- Integrated product development methodologies,
- Application of artificial intelligence in concurrent engineering,
- Application of Computer Supported Co-operative Work in product development,
- Integrated methods for early stages of product development,
- Tools and methods for product analysis, and product shape, material, structural and costs optimisation,
- Advances in finite element analysis, multi-scale modelling, and composite structures,
- Product and process modelling, electronic data exchange,
- Information management and knowledge sharing,
- Adoption of advanced tools and techniques in industry.

VENUE

The Symposium will be held in Manchester, in the Geffory Menton Building at the Manchester Metropolitan University's campus. The campus is just a few minutes walk from the Railway Station and Intercity bus station; and conveniently situated for public transport within the city.

Manchester is easily accessible by road and rail, with direct coach links from all main UK airports. Manchester International Airport is only 10 miles away.

London is 3.5 hours away from Manchester by rail and 4 hours away by coach.

ACCOMMODATION

Accommodation has been reserved at preferential conference rates at the hotels listed. Rooms are mainly for single occupancy and have en suite facilities. However, double rooms can be arranged on request.

Please complete the enclosed Hotel Registration Form should you need accommodation arrangements.

HOTELS

Holiday Inn Crowne Plaza Midland,

Peter Street, Manchester M60 2DS

Tel: +44 161 236 3333 Fax: +44 161 932 4100

Willow Bank Hotel, 340 Wilmslow Road,

Fallowfield, Manchester, M14 6AF

Tel: +44 161 224 0461 Fax: +44 161 257 2561

Loxford Hall of Residence, through Azhar Latif
Manchester Metropolitan University.

REGISTRATION

The full registration fee is £300 for registration received by 15 March 1998, and £350 for registration received later. This registration fee includes:

- Attendance to TMCE '98, 21-23 April, 1998.
- Lunches, tea/coffee, and light refreshment
- Visit to the Museum of Science & Industry, Manchester on the evening of Tuesday 21 April 1998.
- Conference Dinner at Holiday Inn Crowne Plaza Midland on the evening of Wednesday 22 April 1998.
- Symposium proceedings.

Registration forms should be accompanied by either the appropriate fee payable in Sterling, or a company or institutional purchase order for the registration fee.

EXHIBITION

Major software and hardware companies will exhibit their new developments in the field of CAD, CAM, CAE and computer aided concurrent engineering. The three days exhibition will be opened to both the TMCE '98 Delegates and visitors from small and large manufacturing enterprises.

There will be an additional charge of £50 for delegates requiring an exhibition stand for display at the Symposium.

CLOSING WORKSHOP AND SOCIAL EVENT

A day trip to Windermere on Thursday 23 April 1998. This will be available at a small additional charge of £45. Coaches depart from the University at 08.00 am. The morning will begin with tea/coffee and then a trip on board of a steamer boat with wine and canapés along the Lake Windermere. This will be followed by a banquet at The Old England Conference Centre.

Windermere is England's longest lake, which stretches 11.5 miles from Waterhead near Ambleside to Lakeside at its narrow southern end. Wooded slopes dotted with villas line its shores while the water itself is nearly always busy with ferries, yachts, speed-boats and water-skiers. The cruise will end in Ambleside from where delegates will be taken to the banquet rooms of the Old England Conference Centre.

The closing workshop will take place at the Belle Isle Conference suite where the TMCE '98 delegates will discuss open research issues on Concurrent Engineering, and debate new and future developments in tools and methods for concurrent engineering.

METHOD OF PAYMENT

Cheque should be payable to Manchester Metropolitan University

Payment must be received before submitted papers can be included in the Proceedings of the 2nd International Symposium on Tools and Methods for Concurrent Engineering.

The final Symposium programme, maps and information will be posted from February.

CANCELLATION

Prior to 15 March 1998, cancellations for TMCE '98 will be accepted and registration fees refunded less a 25 percent administration charge. After 15 March 1998 cancellations will not be accepted. Substitutions will be accepted at anytime.

ACCOMPANYING PERSONS' PROGRAMME

Accompanying Persons may register for the Accompanying Persons Evening Programme which includes evening meals Tuesday - Wednesday and social events. There is set price of £95 per person.