

International Conference on Advanced Design and Manufacture (ICADAM2010)

-a special track of IDMME- Virtual Concept 2010

October 20th - 22th, 2010

BORDEAUX – FRANCE

Conference Website

[http:// http://www.idmme-virtualconcept.estia.fr/index.php](http://www.idmme-virtualconcept.estia.fr/index.php)

Invitation

You are cordially invited to participate in International Conference on Advanced Design and Manufacture (ICADAM) – a special track of IDMME-Virtual Concept 2010, which will take place in BORDEAUX – FRANCE. The scientific programme of ICADAM will include keynote presentations by internationally renowned researchers, contributed papers and PhD poster presentations emphasizing all core areas of engineering design and manufacture.

The globalisation of manufacturing industries leads to a thirst for rapid advancements in technological development and expertise in the fields of advanced design and manufacturing. In this scenario, both industry and the academia have an urgent need to equip

themselves of latest knowledge and trend regarding design and manufacture. This conference solicits both cutting edge fundamental research and recent industrial application papers with a goal towards bringing together design and manufacture practitioners from academics, government organisations, and industry from all over the world. The conference aims to cover the recent advancement and trends in the area of design and manufacturing and to facilitate knowledge sharing, presentations, interactions, discussions on emerging trends and new challenges in design and manufacturing fields. The particular focus of this conference is on the understanding of the impact of distributed team based design and manufacture on research and industrial practices for global companies. Being the fourth conference in this theme since 2004, the aims of this biannual conference series are: (a) to become a regular major forum for the international scientific exchange on multi-disciplinary and inter-organisational aspects of advanced engineering design and manufacturing engineering; and (b) to provide opportunities in presenting and formalising the methods and means for industrial companies to design and manufacture successful products in a globally distributed team based environment.

Topics

An initial set of topics for the conference includes, but not restricted to:

- **Engineering design in a global manufacturing context;**
- **Concurrent, collaborative, and distributed engineering design and manufacture;**
- **Industrial constraints for engineering design;**
- **Engineering design and manufacture in the developed and developing world;**
- **Design tools, methods and techniques;**
- **Integrated product process development from concept through production;**
- **Product life-cycle modelling and management;**
- **Design for X methods;**
- **FEA techniques and design optimisation;**

- **Computer-aided design and manufacturing;**
- **Quality, robust design, and variation management;**
- **Global engineering design and manufacture education;**
- **Product modelling and visualisation techniques and advancement;**
- **Design, optimisation and application of advanced materials;**
- **Advanced material processing**
- **Advanced manufacturing processes;**
- **CAD/CAM/CIM;**
- **Robotics and vision applications in robotics;**
- **FMS/AMS;**
- **Extended and virtual factory**
- **Distributed enterprise**
- **Micro Electrical Mechanical Systems (MEMS);**
- **Nano technologies;**
- **The Cost Control in Product Design;**
- **Economic and Sustainable Assets Management in Production;**
- **Activity-Based Cost Management;**
- **Process Controlling Techniques.**

Language

The official language of the conference is English.

Full papers

Those wishing to submit papers at ICADAM2010 are invited to submit their full papers of no more than 6 pages (10 pt) in .PDF or .doc file format. Please see the conference website for a template. Please prepare 2 draft papers in doc or pdf format: one including the author list and their affiliations, a second one without any indication of authors called "blind paper".

A camera ready paper is only uploaded as a doc file. Please refer to the conference website for a template.

The scientific advisory board, in conjunction with the organising committee, will "blind review" each paper and allocate the accepted contributions to podium presentation and poster presentation.

Conference Publication

Accepted paper will be an effective international publication and are included in a special chapter of the book "research in interactive design – Vol. 3", published with Springer Verlag.

Submissions

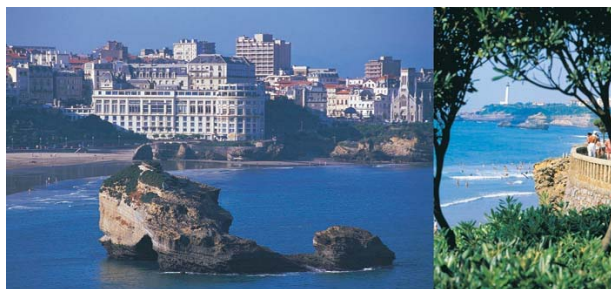
Authors should submit electronically their papers to the Conference online submission system. Complete guidelines on submitting a paper are available at the conference website. Authors are invited to keep up with the deadlines (non respect of deadlines may lead to a refused article).

Schedule and Deadlines

April 4th, 2010	Full Draft Paper Submission
April 19th, 2010 To June 27th 2010	Review process
July 1st, 2010	Notification to authors
July 18th, 2010	Deadline for Camera Ready Paper Submission

ICADAM2010 Venue Location

ICADAM2010 as a track of IDMME-Virtual Concept 2010 will be held at Bordeaux, France. It is the worldwide capital of Wine. It is a worldwide heritage of UNESCO. It is also the capital of pleasant region of south of France.



Exhibition Facilities

Exhibition spaces are available at the conference. Exhibitors are invited to showcase their products or services by reserving an exhibit table. Details are available from [conference website](#).

Organising Committee

Conference Chairman:

- Professor Benoit Eynard, Université de Technologie de Compiègne, France
- Professor Lionel Roucoules, Arts et Métiers ParisTech - CER d'Aix-en-Provence
- Dr Xiu-Tian Yan, University of Strathclyde, UK

Advisory Scientific Board

- Professor Abdelaziz Bouras, University of Lyon - Lyon 2, France
- Dr Michel Bigand, Ecole Centrale de Lille, France
- Dr. Jonathan Borg, University of Malta, Malta
- Professor David Bradley, University of Abertay, UK

- Prof. David Brown, Worcester Polytechnic Institute, USA
- Professor Keith Case, Loughborough University of Technology, UK
- Professor P John Clarkson, University of Cambridge, UK
- Dr Vincent cheutet, Supméca, France
- Professor Alex Duffy, University of Strathclyde, UK
- Professor Benoit Eynard, Université de Technologie de Compiègne, France
- Professor K Fujita, University of Osaka, Japan
- Professor James Gao, Greenwich University, UK
- Professor Philippe Girard, University of Bordeaux 1, France
- Professor Samuel Gomes, Université de Technologie de Belfort-Montbéliard, France
- Professor Dimitris Kiritsis, Ecole Polytechnique Fédérale de Lausanne, Suisse
- Professor Lars Hein, Technical University of Denmark, Denmark
- Professor Imre Horvath, Delft University of Technology, Netherlands
- Professor Bert Jüttler, Johannes Kepler University, Austria
- Professor Udo Lindemann, Muenchen University of Technology, Germany
- Dr Muriel Lombard, University of Nancy 1, France
- Professor Jian Lu, Hong Kong Polytechnic University
- Professor Chris McMahon, University of Bath, UK
- Professor Phil Moore, De Montfort University, UK
- Dr. David Nash, University of Strathclyde, UK
- Professor Henri Paris, University of Grenoble 1, France
- Professor Alan de Pennington, The University of Leeds, UK
- Dr Sébastien Remy, Université de Technologie de Troyes, France
- Professor Geoff Roberts, Coventry University, UK
- Professor Dieter Roller, Stuttgart University, Germany
- Dr. Lionel Roucoules, Arts et Métiers ParisTech, France
- Professor Tetsuo Tomiyama, Delft University of Technology, Netherlands
- Professor Richard Weston, Loughborough University of Technology, UK
- Dr Xiu-Tian Yan, University of Strathclyde, UK

ICADAM2010 Secretariat

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Conference Registration Fee

Registration for:	Registration for: Low Cost for early registration to Full Conference	Cost for late registration to Full Conference	Daily Registration (cost per day)
Authors of Article(1)	450	-	-
Academic, Researchers	450	550	230
Participants from Government, Industry	450	550	230
PhD Students	450	550	210
Students(2)	150	200	70

(1): including cost of publication, materials for communication, special facilities and all conveniences applied to the conference.

(2): Student Price (not PhD students) does not include the document conference, proceedings and book. Student Price does not include access to cocktail parties, coffee breaks, gala dinner and Lunches. Student Price only includes access to conferences, school and workshop.

If students wish to benefit all conference facilities, they can choose PhD Student registration.

(3): Daily registration only includes access to conference room and 2 coffee breaks. The proceedings of the conference are not included in the fee: free selling of proceedings is available at the registration desk for 90€.

Standard Registration Fees include:

Access to ICADAM2010, the international conference IDMME and VIRTUAL CONCEPT 2010; the special tracks; the plenary Sessions; the Industrial Sessions; the School Sessions; the Workshop Sessions; the electronic documents related to tutorials, workshops and articles; the book "Research in Interactive Design - Vol. 3" published by Springer Verlag and including all papers/workshops/tutorials; gift ; the 6 coffee breaks; the Cocktail Party; special negotiated price for low cost accommodation (limited number - booking on this website); special negotiated price for low cost plane tickets (booking on this website).

The social programmes can be found at the conference website and additional charge is payable for these events.

Travelling Information

IDMME-Virtual Concept 2010 will be held in the prestigious Campus of Bordeaux of the French engineering school "Arts et Métiers ParisTech". Click here for [map location and travel direction](#).

Local Organising Committee

Dr Magali Bosch, Université de Technologie de Compiègne, France
 Dr Guillaume Ducellier, Université de Technologie de Troyes, France
 Professor Benoit Eynard, Université de Technologie de Compiègne, France
 Mrs Muriel Petitalot, Université de Technologie de Compiègne, France
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 Dr Vincent Robin, IUFM d'Aquitaine - Université Bordeaux 1, France
 Professor Lionel Roucoules, Arts et Métiers ParisTech - CER d'Aix-en-Provence
 Dr Séverine Spérandio, Université Bordeaux 1, France