

1st INTERNATIONAL CONFERENCE ON DESIGN AND PROCESSES FOR MEDICAL DEVICES



Faculty of
Engineering
Faculty of
Medicine

PROMED



CONFERENCE GOALS

The need for a shared perspective and an agile product development process are the perfect backdrop for this conference, as it will provide an excellent playing field for collaborative activities amongst medical and manufacturing technologists to further the development of the Design and PROCesses for MEDical Devices. The main goal of the conference is to provide a scenario for continued interaction between professionals and experts from the areas relevant to medical device development: doctors and engineers.

The 1st International Conference on Design and PROCesses for MEDical Devices (PROMED), sponsored by CIRP, College International pour la Recherche en Productique, will be held at Lago di Garda.

Join this stimulating meeting about medical devices design and development, biomaterials, manufacturing and more.

CALL FOR PAPERS

Researchers in engineering and medical fields are all welcome. Authors from Universities, Research Centres and Industry are invited to submit papers to the Conference. Please send a 400 word abstract including the title, authors and corresponding author's affiliation. The main features, results and conclusions of the paper should be outlined. The Conference website will provide detailed instructions on how to prepare and submit the abstracts. The Conference Scientific Committee will review the abstracts and will notify the corresponding authors of acceptance. Final manuscripts should be prepared in camera-ready form using the template that will be available on the website.

Proceedings will be available at the conference and published. Selected papers from the PROMED conference will be invited to international journals in their extended versions.

CONFERENCE LOCATION

Lago di Garda is the largest lake in Italy, located at the foot of the Alps, just east of Brescia. A magnificent venue for a 3 day retreat to share ideas, explore possibilities and envision the future of the Design and PROCesses for MEDical Devices.

WEST GARDA HOTEL
Via Prais, 32
25080 Padenghe sul Garda
BRESCIA - ITALY
Tel: + 39 030 9907161
info@westgardahotel.com

CONFERENCE FEES

Regular Registration:

Before 26th Feb 2012 - 450 €
After 26th Feb 2012 - 550 €

Student Registration:

Before 26th Feb 2012 - 400 €
After 26th Feb 2012 - 500 €

SCIENTIFIC COMMITTEE

Allen David (UK)	Lee Yuan-Shin (USA)
Ambrosio Luigi (IT)	Leu Ming (USA)
Bahattin Koc, MD (TR)	Li Lin (UK)
Baldini Nicola, MD (IT)	Li Wei (USA)
Bariani Paolo (IT)	Malshe Ajay P. (USA)
Bernard Alain (F)	Micari Fabrizio (IT)
Biasotto Matteo, MD (IT)	Mironov Vladimir (USA)
Bourell David (USA)	Mitsubishi Mamoru (J)
Cao Jian (USA)	Okyar Fethi (TR)
Cellek Selim, MD (UK)	Ola Harrysson (USA)
Cestari Renzo, MD (IT)	Paganelli Corrado, MD (IT)
Davies Matt (USA)	Pazzaglia Ugo, MD (IT)
Demir Semahat (USA)	Perale Giuseppe (IT)
Denkena Berend (D)	Pfefferkorn Frank E. (USA)
Díaz José A. , MD (MEX)	Previtali Barbara (IT)
Dimitrov Dimitri (ZA)	Rajurkar Kamalakar (USA)
Dornfeld David (USA)	Reina Francisco, MD (E)
Fischer Anath I. (IL)	Rossel Antoni, MD (E)
Gideon Levy (CH)	Settineri Luca (IT)
Hendrics Nicolas (MEX)	Shih Albert (USA)
Jack Zhou (USA)	Sun Wei (USA)
Klocke Fritz (D)	Yong Huang (USA)
Kruth Jean Pierre (BE)	Zangaro Renato (BR)
Lauwers Bert (BE)	Zatarain Mikel (E)
Lazoglu Ismail (TR)	

TOPICS

Topics may include, but are not limited to:

- ♦ Medical device design and prototyping
- ♦ Design for multi-scale manufacturing
- ♦ Multi-scale material modeling and process simulations
- ♦ Biomaterials and processing
- ♦ Biocompatible coatings
- ♦ Tissue engineering and regenerative medicine
- ♦ Living tissues characterization
- ♦ Additive manufacturing processes
- ♦ Machining, forming, EDM and ECM, laser-based processing, casting and molding, and others
- ♦ Machines and equipment including tooling, fixturing, sensors and control systems
- ♦ Metrology, materials handling, joining and assembly

DEADLINES

ABSTRACT	15 th Oct 2011
PAPER	20 th Dec 2011
ACCEPTANCE	2 nd Feb 2012
FINAL PAPER	2 nd Mar 2012

ORGANISING COMMITTEE

Prof. Elisabetta Ceretti (Chair)
University of Brescia (IT)
Prof. Joaquim de Ciurana
University of Girona (E)
Prof. Paulo Bártolo
Instituto Politécnico de Leiria (P)
Prof. Ciro A. Rodriguez
Tecnológico de Monterrey (MEX)
Prof. Jorge Vicente Lopes da Silva
Centro de Tecnologia da Informação (BR)
Prof. Tugrul Özler
Rutgers University of New Jersey (USA)

LOCAL ORGANISING COMMITTEE

Prof. Elisabetta CERETTI (Chair)
Prof. Claudio GIARDINI
Prof. Antonio FIORENTINO
Prof. Aldo ATTANASIO
Prof. Luca GIORLEO
Dr. Gian Pietro MARENDA

INFO & CONTACTS

Website:
<http://promed2012.ing.unibs.it>
Secretariat:
promed2012@ing.unibs.it