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CONTACT INFORMATION

Conference website:
<http://www.est.ips.pt/det2006>

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Announcement and Call for Papers

18TH 20TH
SEPTEMBER
2006
SETÚBAL
PORTUGAL

www.est.ips.pt/det2006

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DET2006



INTRODUCTION

The Organizing Committee of DET'06 are pleased to invite you to participate in the 3rd International CIRP Conference in Digital Enterprise Technology that will be held in Setúbal, Portugal, from 18th to 20th September 2006.

Following the success of the first two meetings the 3rd DET will be the first CIRP sponsored event organized in Portugal and we are certain that Setúbal's Region offers an excellent environment in which to hold the Conference.

This region combines a beautiful landscape and pleasant climate, with considerable University research and Industrial activity in the area of Digital Enterprise Technology. Hence, we are aiming to bring together leading academic researchers and practicing engineers from around to world to discuss their research and industrial developments, experiences and trends in the wider field of Digital Enterprise Technologies.

OBJECTIVES

Digital Enterprise Technology (DET) can be defined as "the collection of systems and methods for the digital modelling of the global product development and realization process, in the context of lifecycle management." The principal aim of DET'06 is to provide an international forum and workshop for the exchange of scientific knowledge and industrial and educational experience regarding the integration of the various aspects of DET. DET'06 will also facilitate the exploration of future and evolving standards for the application of DET technologies for the international research community.

TOPICS

Papers are welcome in any of the following broad technical categories:

Distributed and Collaborative Design

Distributed co-design; Design knowledge management and representation; Integration of design with manufacturing modelling and planning (modelling of design features and manufacturing process interaction, including tolerance analysis); Use of simulation early in the product realization process; Product life-cycle management

Process Modelling and Process Planning

Process knowledge management and representation; Tolerance data representation and standards; Distributed co-development and optimization of process models and plans; Process planning optimization within a distributed planning environment; Simulation of manufacturing processes

Advanced Factory Design and Modelling

New computer technology for enhanced factory modelling; Re-configurable equipment, factory cells and new systems architectures; Optimization techniques for factory design; Control techniques for autonomous and intelligent manufacturing

Physical-to-Digital Environment Integrators

In-situ metrology, facility scanning and reverse engineering; Advanced sensing; Evolving standards for measurement representation in a distributed environment; Tolerance analysis and synthesis

Enterprise Integration Technologies

Advances in product data management; Enterprise resource planning; Evolving standards for enterprise modelling; Dynamic supply network design and management; E-business and supply chain logistics

Entrepreneurship in DET

Integration of DET in engineering curricula; DET for business innovation; Experiences in Industry/university collaboration with DET

Leading academics and industrial practitioners of DET will present keynote papers in the scientific areas. All papers will be circulated in advance of the meeting.

The language of the seminar will be English.

A special edition of the "International Journal of Computer Integrated Manufacturing" will be published with a selection of the best papers.

IMPORTANT DATES

Abstracts due.	March 1st, 2006
Full paper due.	April 15th, 2006
Author notification	May 15th, 2006
Camera-ready due	June 1st, 2006
Early registration	June 1st, 2006
Final program	August 1st, 2006

Acceptance of papers is based on the full paper; however prospective authors should submit an abstract (aprox. 300 words) in advance in order to check if the proposed topic fits within the conference scope.

All papers accepted will be published in the Proceedings and subjected to reviewers.

CONFERENCE FEES

The registration fee for the conference will be 420€.

The fee for early registrations (e.g. before June 1st) will be 380€. The conference fee includes the conference proceedings, all lunches and refreshments, the conference social events and the industrial tour. A special registration conditions will be available for accompanying persons and graduate students. More detailed information will be made available on the conference website.

LOCATION

DET 2006 Seminar will be held at Hotel do Mar (www.hoteldomar.pt), in Sesimbra. This village is located in Setúbal region and it is a seaside resort, aprox.40 Km of Lisbon and about 15 Km west of Setúbal city.

Hans Christian Andersen, who visited the region in 1834, described the region as a "terrestrial paradise". The untouched Setúbal city has evolved from the 19th century into the 3rd largest port in the country and a major industrial centre in mid 20th century, particularly in the 1960's and 1970's. From shipbuilding to fish canning, production of fertilizers, cement, oysters culture, salt, and a variety of wines including a superb muscatel (made from a type of grape, with the same name, typical from this region) to fishing and tourism, Setúbal has a lot to offer. Setúbal is situated in a beautiful estuary (the river Sado estuary), between Tróia Bay (ancient Roman settlement) and Arrábida Natural Park.

Throughout the centuries, Sesimbra has been a small port with an intense fishing activity and the village is a lovely spot with hilltops all around. Sesimbra has an excellent swimming beach, with clear and calm waters, and an endless row of café-restaurants along the beach road, each with an outdoor charcoal-grill wafting fine smells across the town. An easygoing environment and relaxed way of living is what you can expect to find while you are here.

