



Editors' Corner

Welcome to this first issue of the ICE Newsletter.

The ICE conference Organising Committee is proud to announce a regular ICE newsletter. Our goal is to keep all researchers and practitioners interested by Concurrent Enterprising (CE) regularly informed in between two ICE conference editions. There will be articles about the CE community, relevant events, announcements and opportunities, as well as the latest ICE news and calendar.

Inside this first issue you will find an invitation to participate to the next ICE'2007 conference, devoted to the main theme of "Concurrent Innovation". Join us in Sophia-Antipolis (Nice) from 4th to 6th June 2007 to celebrate ICE coming back to its birth place. You will have opportunity to contribute to the shaping of the future CE vision and roadmap, exchange ideas and views, make new friends and have a lot of fun. See over the next pages for full details about academic expectations and call for papers. Sophia-Antipolis will be the 13th edition of the ICE annual conference. The last article of this first issue of the ICE newsletter will give you an overview of the venue in this hub of innovation, located in the exquisite French Riviera, hosting over 1200 companies focused on advanced areas such as technology and communications as well as research laboratories and universities.

Carmen Aguilera, ISOIN (Spain)
Abdul Samad (Sami) Kazi, VTT (Finland)
ICE Newsletter Editors

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ICE2007

“Concurrent Innovation: an emerging paradigm for Collaboration & Competitiveness in the extended enterprise“

By: Carmen Aguilera, ISOIN, Spain



The ICE'2007 offers a unique multi-national forum to academics, researchers and practitioners to stimulate and share knowledge, experience, good practice, latest research and developments in the broad domain of Concurrent Enterprising. It is the

thirteenth in a series of Annual Conferences, which will take place from 4-6 June in Sophia-Antipolis, France.

This year's main theme takes a comprehensive, global look at a topic that is increasingly important to the industrial and scientific communities together with government leaders worldwide: innovation. The conference addresses the challenge of increasing global competitiveness through support to creativeness and innovation, as the future of Concurrent Enterprising. New paradigms, methods, applications and technologies such as Open Innovation, Co-Creation Living Labs and Front-End Innovation are on the focus of the conference. Aware that innovation requires orchestration and integration, a wide range of topics covering the entire product design, development process, organisational structures, business models and communities operation will be on the focus.

Authors are invited to submit different types of contributions for the three days of the conference, as detailed in the Call for Papers.

- Day 1 will host paper presentations and posters from the open call for papers. The presentations will give insight to the latest findings from R&D in CE.
- Day 2 and 3 will be devoted to accepted workshops, aiming to bring together users

and experts in interactive sessions for elaborating specific topics.

ICE supports and fosters social networking, by providing excellent facilities to exchange ideas with the community and an appealing leisure week-end before the conference to enjoy the Côte d'Azur.

Important dates in the spotlight are:

Online abstracts submission opens.....	15 November 2006
Online workshop submission opens.....	30 November 2006
Abstract submission deadline.....	31 January 2007
Notification of acceptance	1 March 2007
Deadline for print-ready papers.....	15 April 2007
Deadline for speakers' registration ¹	30 April 2007

Online submission will open on 15 November 2006 at www.ice-conference.org

For any questions please contact the ICE Programme Secretariat by email at submit@ice-conference.org

We look forward to meeting you in Sophia Antipolis.



¹ The deadline for speakers' registration: it is mandatory for at least one presenting author to register for the full conference, before 30 April 2007, to have their paper published into the scientific conference proceedings. They will automatically get the “early bird” discount for registering before 30 April 2007.

Academic Expectation

By: Professor Kulwant S Pawar, Nottingham University Business School, UK
Professor Klaus-Dieter Thoben, BIBA, Germany

The ICE conference since its inception in the early 1990s has been growing in terms of numbers, strength, credibility and popularity. These days it regularly attracts around 200 people from both the academic and practitioners. For instance, ICE 2006 in Milan about 230 delegates participated from 30 countries including 40% from industry.



The theme for ICE 2007 is “Concurrent Innovation: an emerging paradigm for collaboration and

competitiveness”. This is a highly topical and emerging area of interest and importance for both academic and practitioners alike and there is a lot of activity around the world in this domain. The underlying rationale for choosing this theme is that the increasingly global competitive environment imposes the compelling need to identify new paradigms, methods, applications and technologies to better support creativeness and innovation. Open Innovation, Co-Creation, Living Labs and Front-End Innovation are new and emerging paradigms addressing the entire product design and development process. Hence the future of Concurrent Enterprising lies in the context of integrated design of customisable products, comprehensive services, and flexible/adaptable organisations where individuals, groups, businesses and communities collaborate together within loosely or tightly coupled networks through the use of on-line shared workspaces.

Concurrent Innovation is a natural evolution and next step from concurrent enterprising as it captures and capitalises on the principles and practice of concurrent engineering, extended/virtual enterprising and innovation in a collaborative context. In this respect the ICE

community strives to address some of the following issues:

- How do we design tangible and intangible goods in an integrated manner?
- What do new ways of organising or working mean in practice for research and what are the research challenges?
- How do new forms of organisations or new ways of working change existing engineering methodologies, applications and tools?
- Which information and communication technologies are needed to support new forms of organisations and new ways of working?
- What is the impact on engineering work and future on-line workplaces?
- Which social and legal aspects need to be considered?
- How co-creation Living labs could help us in involving all stakeholders (Public-Private partnership), including EU citizens, in the design and experimentation of new approaches, methods and technologies?

With these issues in mind the ICE organising committee is inviting papers in this domain. The ICE conference traditionally only accepts 48 papers for presentation on the first day of the conference with the other two days devoted to interactive workshops. Therefore, the Organising Committee invites only high quality papers which are original and are on previously unpublished research. This includes, but is not limited to:



- theoretical research papers that provide new concepts for the design and operation of the Concurrent Enterprise in the concurrent innovation context
- empirical evaluations and qualitative case studies that develop new insights into the behaviour of the Concurrent Enterprise
- system design and development papers that go beyond the pure description of systems and give insight into theory and effectiveness of the approach
- verification and validation papers that evaluate the application of CE solutions

The papers will be selected in a two step refereeing process. For the first step authors are requested to submit an extended abstract, 1200-1500 words, for blind refereeing by two independent reviewers. For the second step successful authors will be invited to submit their full paper which will undergo a second review in order to ensure that the authors have taken into account the comments made by the independent reviewers.

The number of papers accepted for oral presentation (long papers) will be 48 and the number of papers for poster presentations (short papers) will be 20. Abstracts and papers will only be accepted for review on the condition that the material has not been copy-righted, published, presented or currently submitted for consideration elsewhere. Speakers will be allocated 20-25 minutes for presentation and discussion of their paper.

We publish one paper per presenting author only. All accepted papers will be published in the scientific conference proceedings, provided the final papers and registration of at least one presenting author for the full conference are received before the appropriate deadline and they conform to the layout guidelines. The conference proceedings will be distributed to the participants at registration and will be available after the conference under an ISBN number.

Further information is available on:

www.ice-conference.org

ICE 2006 Report

Innovative Products and Services through Collaborative Networks

By: Marco Taisch, Politecnico di Milano, Italy

Sergio Terzi, University of Bergamo, Italy



ICE 06 has been hosted in the fascinating Palazzo delle Stelline, a gothic palace in the centre of Milano, the cosmopolitan business capital of Italy. More than 200 persons have participated in the three days

of the conference, in a very hot Italian Summer.



In the first day, two introductory keynote presentations provoked thoughts and discussions: Mr Massimo Bandecchi, Head of Concurrent Engineering Section, European Space Agency (ESA), presented his

dissertation on the efforts performed at ESA on Concurrent Design, in particular explaining the developed facility for applying Concurrent Engineering in order to improve the space mission design process, while Prof Dan Shunk - from the Department of Industrial Engineering in the Fulton School of Engineering of the Arizona State University (USA) - discussed animatedly with the audience about his roadmap to achieve distributed, collaborative commerce.

The introductory session has been concluded by Mr Giuseppe Ravasi, from IBM Italia, with a presentation of the concept of Product Lifecycle Management for IBM. Day1 continued with 4 parallel sessions, where more than 60 papers have been presented in 12 oral and 2 poster sessions. The sessions have been organised in six main topics: (i) Virtual Enterprise, (ii) Collaborative Systems, (iii) Innovation Management, (iv) Product Data & Life Cycle Management, (v) Product

Development, (vi) Training, Education and Legal Issues.

Day 2 involved more than 150 participants, with the traditional ICE formula of



focused workshops around some key topics of concurrent enterprising. These workshops fostered an active engagement between users and experts, creating a space where exchange experiences and requirements, present new developments and best practices, and also generate new ideas and initiatives. Five parallel workshops have been organised:

- WS1 – Virtual Organisation, organized by the Ecolead project team.
- WS2 – Legal Issues in the Information Society Technologies and Collaborative Environments, supported by the European Commission DG INFSO and sponsored by the LEGAL-IST project.
- WS3 – Collaborative Working Environments, led by the organiser of ICE 2007 (Marc Pallot).
- WS4 – Product Innovation and Product Life-Cycle Management organised with support of many PLM vendors and practitioners.
- WS5 – Cost Engineering Practices during Product Development in Virtual Organizations, sponsored by the European Project Virtual Cost Engineering Studio.

Day 2 has been concluded by a short plenary session, where the workshop leaders summarised the main results of the different workshops before all participants were going together to a gently gala

dinner at the typical Bagutta Restaurant, near the Piazza Duomo.



Day 3 aimed at contributing to future research programmes and identification of collaboration opportunities through dedicated forums. In particular, four parallel forums have been organised at ICE06, involving more than 140 participants from diverse communities:

- Forum 1 – Ambient Intelligence Technologies for the Product Lifecycle
- Forum 2 – Living Labs Emerging Practices
- Forum 3 – Towards new Collaborative Environments
- Forum 4 – Industrial service management

ICE 06 was a great achievement, more than 200 researchers and practitioners from more than 25 countries participated in the three days of the conference, sharing their ideas and expertises. We don't have clear numbers, but it is a matter of facts that many research projects have been discussed in the corridors of Palazzo delle Stelline and many "lamps" have been lighting in the minds of the participants!



ICE 07 announcement and preliminary insights provided by Marc Pallot during the plenary closing session were already promising a great celebration of the ICE conference moving back to its original roots of its inception

in 1994 in Sophia Antipolis (Nice). He declared "No doubt at all that the French touch will be

there also to make this event a definite must in term of celebration not to be missed. Even the famous Gala dinner will be offered to all participants as a first ICE celebration gift without to disclose any confidential information about the second gift which will be a special tour in Grasse, worldwide famous city of the mystery of perfumes. The local organising committee has already planned some special surprising prizes to entertain all of you during the entire Gala dinner."

Marc invites all of you to celebrate ICE'2007 being back to its original roots. "Looking back to the 10 years ICE anniversary celebration during ICE'2004 in Sevilla, it has already been very special and very emotional to listen to the ICE history and organisers engagement to make a success every single year all along the different editions from the



first one in 1994 to the latest one at that time in 2004. We had a lot of fun in Sevilla and no-one will forget forever this celebration

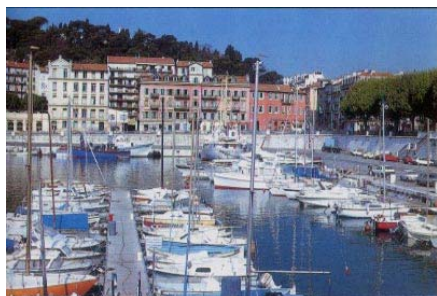
(nights have been almost disappearing into the cool atmosphere!). So, the challenge is quite high but again, as usual, a team of good guys are personally engaged to make this particular celebration of being back to where ICE is born an unforgettable event. Our main target is to have an even higher conference and entertainment quality without to mention the traditional excellent flavours of French food and wines. Don't miss ICE'2007 and its special celebration!"

Venue: Sophia Antipolis

By: Carmen Aguilera, ISOIN, Spain

Sophia Antipolis is located in the southern portion of the exquisite French Riviera. Known for its mild climate, beautiful scenery, and gourmet dining, the Côte d'Azur encompasses world renowned towns such as Antibes, Cannes, and Nice.

Founded and marketed by an non-profit-making economic interest group in 1969, the



creation programme of a scientific park has been able to be extended thanks to the strength of wilful people from the Alpes Maritimes department, from the State, from the P.A.C.A region and from the five first towns (Biot, Valbonne, Mougins, Vallauris and Antibes), which cover 2300 hectares of lands. As defined by its founder Pierre Laffitte, Sophia Antipolis was conceived as "... a Latin Quarter in the countryside, a city a field devoted to creation, intelligence, and consequently to economic, cultural and social modernity"



And so Sophia Antipolis was born. It was then made official by the Comité Interministériel d'Aménagement du Territoire (Interministerial Committee for

Land Development) in April 1972, led by a joint

syndicate developer. In 1974, the operational work load of Sophia Antipolis was delegated to the French Riviera Chamber of Commerce.

In just 30 years of hope, human and financial investment have transformed a mad dream, thought up in the scrubland, into the construction of a technological and human community that plays a role in the world economy. In the heart of Telecom Valley, Sophia Antipolis is home to research and industry activities in areas including standardization, information technology, communications, academics, and medicine. There are 1227 corporate names. 25 911 direct jobs have been created in the Park / 1260 companies.

In this time a success story has been created in not only economic terms, but also on a social, cultural



level. It is also known because of its concern for urban development, the environment and the repercussions on society as a whole. The working environment thus created makes for an extremely high quality of life, which fosters creativity and productivity and comforts worldwide specialists that Sophia Antipolis is the perfect choice. The development principles of the park allow the 2,300 hectares (1/4 of the area of Paris) of green land, business sites, inhabited areas and leisure zones to come together harmoniously.

An economic development model had come into being and continues to serve as a reference for the whole world.

ICE 2007

**“Concurrent Innovation: an emerging paradigm
for Collaboration & Competitiveness in the
extended enterprise”**



Join us to celebrate the ICE conference being back in Sophia Antipolis!

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