17th EuroSPI² Conference

1. – 3. September 2010
Grenoble Institute of Technology, France

Join our Improvement Community to which more than 28 Nations contributed since 1994!

Http://2010.eurospi.net
## Content of EuroSPI²2010

### Introduction
- Greetings
- Conference Theme & Further Information
- Publisher

### Program
- Program Architecture
- Workshop Day
- Conference Key Notes
- Conference Day 1 - Program
- Conference Day 2 - Program
- Research Papers
- Experience / Industry Papers
- Exhibitors & Sponsors
- Conference Heads
- Program Committee Members
- Social Event

### Local Information
- Conference Location
- How to find the place
- Floor Plan
- Hotel Recommendation

### EuroSPI Membership

### Registration Form
Welcome Address by the EuroSPI General Chair

Richard Messnarz, General Chair

EuroSPI is an initiative with 5 major goals (www.eurospi.net):

1. An annual EuroSPI conference supported by Software Process Improvement Networks from different EU countries.
2. EuroSPI supported the establishment of a world-wide SPI Manifesto with SPI values and principles agreed among experts world-wide. We build clusters of experts and knowledge libraries for these values and principles.
3. Establishing an Internet based knowledge library based on hundreds of experience reports contributed to EuroSPI since 1994.
4. Establishing a European Qualification Framework for a pool of professions related with SPI and management. This is supported by European certificates, exam systems, and online training platforms (European Certification and Qualification Association).
5. Establishing a world-wide newsletter with articles from key industry and key European research associations helping to implement the SPI manifesto world-wide.

EuroSPI is a partnership of large Scandinavian research companies and experience networks (SINTEF, DELTA, STTF), the ASQF as a large German quality association, the American Society for Quality, and ISCN as the co-coordinating partner. EuroSPI collaborates with a large number of SPINs (Software Process Improvement Network) in Europe.

EuroSPI has established a newsletter series (newsletter.eurospi.net), the SPI Manifesto (SPI = Systems, Software and Services Process Improvement), an experience library (library.eurospi.net) which is continuously extended over the years and is made available to all attendees, and a Europe wide certification for qualifications in the SPI area (www.ecqa.org, European Certification and Qualification Association).

EuroSPI conferences present and discuss results from systems, software and services process improvement (SPI) projects in industry and research, focusing on the benefits gained and the criteria for success. This year's event is the 17th of a series of conferences to which international researchers contribute their lessons learned and share their knowledge as they work towards the next higher level of software management professionalism.

A typical characterization of EuroSPI was stated by a company using the following words: "...the biggest value of EuroSPI lies in its function as a European knowledge and experience exchange mechanism for SPI and innovation".

A cluster of European projects (supporting ECQA and EuroSPI) contribute knowledge to the initiative, including currently DEUCERT (EU Certificates Dissemination), iDesigner (integrated mechatronics designer), MONTIFIC (Financial SPICE Assessor), ELM (e-learning manager), LSSA (Six Sigma Related Qualification), ResEUr (Research to Entrepreneurship Strategies), etc. A pool of more than 20 qualifications has been set up.

Join the community of cross company learning of good practices!
Welcome from the Organization Chair in France

Andreas Riel & Serge Tichkiewitch, Local Organizer

The partnership between EuroSPI, EMIRAcle (the European Manufacturing and Innovation Research Association, www.emiracle.eu), and the ECQA (the European Certification and Qualification Association, www.ecqa.org) aims at putting complementary networked competences in Systems and Software Improvement at the disposal of members and partners from academia, industry and government. In a continuous effort to further enhance their scope of competences and influence on a European level, these organisations are always looking out for new members and partners.

Improvement of Products, Systems, Services and Processes has been the driver for the foundation of EMIRAcle in October 2007 with the mission to internationally promote, bundle and consolidate research and education in innovative product development. To this aim, the currently 23 EMIRAcle research institution members have intensive relationships with governmental organisations and fruitful, long-lasting collaborations with industrial and academic partners in numerous sectors. Among those are most notably automotive, aerospace, shipping, clothing and furniture. Key competences on the systems development level that are the core contribution of EMIRAcle in its strategic partnership with EuroSPI and the ECQA.

Acting as an international non-profit organisation based in Brussels (Belgium) and Grenoble (France), EMIRAcle provides its expertise in form of services in Co-Engineering, Co-Manufacturing, Co-Innovation, Co-Research and Co-Academy. As one major outcome of the close collaboration with the EuroSPI and ECQA communities, EMIRAcle offers distance learning enabled training and European-wide certification for modern job roles in innovative product development. Current professions treated are Integrated Design Engineer, Researcher-Entrepreneur, and all levels of Lean Six Sigma Expert.

In the context of this successful relationship, we are very happy and honoured to host EuroSPI 2010 in the School of Industrial Engineering of Grenoble Institute of Technology, where the head of office of the EMIRAcle association is co-located with the G-SCOP Laboratory. This lab performs international top-level research in integrated product development, and the optimization of processes and logistics. Not only is it the first time in its long history that EuroSPI goes to France, but it is also the first big event that brings together communities which are highly influential in their domains. In this respect, EuroSPI 2010 in Grenoble marks a cornerstone in the building of a network of networks, which is ready to face the challenges of the development of modern products and services.

You are invited to join this highly international community in order to take an active part in shaping innovations!

Andreas Riel (andreas.riel@grenoble-inp.fr)
EMIRAcle Coordinator and Researcher at Grenoble Institute of Technology, France

Serge Tichkiewitch (serge.tichkiewitch@grenoble-inp.fr)
President of EMIRAcle and Professor at Grenoble Institute of Technology, France
HOST OF EUROSPI2010:
Grenoble Institute of Technology (Grenoble INP), France

THEME 2010:
Process Improvement and Innovation must get people actively involved, affect their daily activities, is what you do to make business succeed and is inherently linked with continuous change.

4 Major Reasons for Attending EuroSPI²2010

1. Research papers and experiences are published in the Springer CCIS Series, and industry papers and experiences are published in the Wiley SPIP Series.

2. EuroSPI offers access to experiences and best practices which can be re-used in your organisation.

3. Meet business and research partners in an open social space at the EuroSPI social events. This year we will organize an unforgettable evening on the Bastille of the capital of the Alps, with a stunning view on the city of the Olympic Winter Games 1968 embedded in an unique mountainous environment. Enjoy traditional French food and traditional French music!

4. EuroSPI represents an European experience forum collaborating with nearly all SPINs in Europe.
Who Should Attend

✓ Quality Manager ✓ Project Manager ✓ Business Manager
✓ Improvement Manager ✓ SPI Academic & Researchers ✓ Innovation Manager
✓ Researcher ✓ Experienced Practitioner ✓ Process Champions

A Mixture of Industry Experiences and Research Work

... supported by the EU and with significant involvement of EuroSPI partners an accreditation unit is being set up for IT & Services professions in the EU (EQN project, 2005 - 2007).

... world wide recognized paper awards are given to best papers (The IFIP Manfred Paul best paper award).

... hot topics like future quality initiatives and global development strategies are discussed with highly recognized key notes.

Recognized by Publisher

**Springer**

EuroSPI’2010 is supported by the Springer Verlag which publishes the research proceedings in the LNCS (Lecture Notes on Computer Science) series.

Information you can find under
http://www.springer.com/computer?SGWID=11-146-0-0-0

**Wiley**

EuroSPI’2010 is supported by the Wiley Publisher which publishes the industry proceedings in the SPIP (Software Process Improvement in Practice) Journal.

Information you can find under
http://eu.wiley.com/WileyCDA/

**IGI Global**

EuroSPI’2010 is supported by IGI Global which publishes the International Journal of Human Capital and Information Technology Professionals (IJHCITP).

Information you can find under
http://www.igi-global.com/journals/details.asp?id=34259
Workshop Day – Wednesday, 1. September 2010

A set of interactive workshops take place. Each workshop lasts the whole day, includes industry and research speakers and allows participants to actively contribute.

Workshop 1: Creating Environments Supporting Innovation and Improvement
What is necessary to establish a long lasting successful organisation where innovation is supported, empowered and continuous learning and learning systems are a major management factor?

Workshop 2: Moving from Software to Systems and Product Improvement and Workshop
Is it possible to achieve a high quality integrated design, a high level of safety, to produce at high quality and staying agile at the same time?

Workshop 3: Researcher - Entrepreneur Qualification and Workshop
What is necessary to empower young research to be exploited in industry? The workshop will present best practices of empowering young researchers to connect to industry and exploit the ideas in form of services and products.

Workshop 4: SPI in SMEs
What is necessary to implement SPI in very small enterprises successfully and to create benefits for the SMEs. Is it possible to use SPI also in small companies?

Workshop 5: Different Standards and Experiences with the Implementation of Functional Safety (only half-day)
Functional safety in electronic systems requires a high level of design and quality knowledge and experiences with the implementation of standards like ISO 26262, IEC 61508. Case studies for car industry, nuclear power and other domains will be presented and discussed.

Speakers – Moderation – Discussion – Exercise

Conference Days – Thursday, 2. September 2010 & Friday 3. September 2010

3 Stream Conference Days

A Mixture of Industry/Experience Sessions (ES) and Research Sessions (RS) with about 60 presentations from leading research organisations and industrial companies. Sessions with Stanford principle: papers with stand up presentations, discussions moderated by session chair and session chairs have to prepare some questions in advance.

All attendees of research sessions will be invited to the ResEUr workshop!

SOCIAL EVENT
This year you can enjoy an unforgettable evening on the Bastille of the capital of the Alps, with a stunning view on the city of the Olympic Winter Games 1968 embedded in an unique mountainous environment! While enjoying traditional French food listen to Chanson singers and let you be portrayed by caricaturists!

BEST PAPER AWARD
EuroSPI has also a close partnership with the ASQ (American Society of Quality) SW Division. The presenter(s) receiving a best paper award (nominated at the closure of the conference) will be invited to the next annual SW Quality Conference of the ASQ.

Key Notes – Research Papers – Experience Papers – Exhibition
Creating Environments Supporting Innovation and Improvement

What is necessary to establish a long lasting successful organisation where innovation is supported, empowered and continuous learning and learning systems are a major management factor?

Moderated by: Tom Peisl, Munich University, Germany

In this workshop six best practices established by European industry and research community will be presented. Each will address a specific aspect to achieve the goals outlined in the title.

**Speaker 1: Innovation Processes**
Tom Peisl, Munich University, Germany & Jürgen Schmied, method park, Germany

Innovation Process Assessment and Business Processes based Innovation

**Speaker 2: Speaking the same Language (Terminology Manager Initiative)?**
Gabriele Sauberer, TermNet, Austria

Speaking same Language to Solve Diversity - Ontologies and Terminologies

**Speaker 3: Knowledge Sharing and People (ELM Project)**
Richard Messnarz, ISCN, Ireland & Darragh Coakley, Gearoid O'Suillaebhain, Cork Institute of Technology, Ireland

Knowledge Sharing People in a Learning Environment - Get Qualified for this!

**Speaker 4: Feedback based Innovation Environments**
Andreas Riel, Grenoble Institute of Technology, France & Martin Neumann, Pierburg AG, Germany

Experiences with Innovation and Learning Organisation Principles in an Industrial Setting

**Speaker 5: Using New Communication Channels**
Mihail Milev, ISCN, Austria

Achieving Attention Through New (Especially for Younger Colleagues) Learning Concepts - MPSS (Mobile Based Learning)

**Speaker 6: Example Implementation of SPI Manifesto Principles**
Jens Bæk Jørgensen, Mjølner Informatics A/S, Denmark

Mjølner’s Software Process Improvement: A Discussion and Strengthening Using the SPI Manifesto

**Moderated Workshop**

*Question and Topics Elaboration*

In a moderated workshop after the speakers attendees will elaborate specific goals which help to answer the main question “What is necessary to establish a long lasting successful organisation where innovation is supported, empowered and continuous learning and learning systems are a major management factor?”. Each attendee proposes two such goals. Goals will probably relate to each other and form topics.

*Panel Round*

In a panel the six speakers will give their feedback to each of the grouped topics.

*Working Parties*

Attendees and the speakers will form working parties to elaborate each topic and propose 3-5 practices to address the topic.

*Workshop Summary*

The workshop moderator will write a summary of the workshop. This will be sent out to all participants within 4 weeks after the conference.
Moving from Software to Systems and Product Improvement and Workshop

Is it possible to achieve a high quality integrated design, a high level of safety, to produce at high quality and staying agile at the same time?

Moderated by: Dipl.-Ing. Gunther Spork, Magna Powertrain, Austria

In this workshop four best practices established by European industry will be presented. Each will address a specific aspect to achieve the goals outlined in the title.

Speaker 1: Integrated Design at High Quality
Serge Tichkiewitch & Andreas Riel, Grenoble Institute of Technology, France

Integrated Design - A Set of Competences and Skills Required by systems and Product Architects

Speaker 2: Agility
Christian Kreiner & Ernst Stelzmann, Graz University of Technology, Austria & Richard Messnarz & Damjan Ekert, ISCN, Austria/Ireland & Gunther Spork, Magna Powertrain, Austria & Frank Koenig, ZF Friedrichshafen, Germany

Practical Use of Agile Methods within Systems Engineering

Speaker 3: High Product Quality
Dick Theisens, Symbol B.V. & LSSA Consortium, Netherlands

Lean Six Sigma Set of Competences Agreed in Europe and USA

Speaker 4: Safe Systems
Ovi Bachmann, SIBAC & ISCN Group, Germany & Richard Messnarz, ISCN, Ireland

Improving Safety and Availability of complex Systems by using an integrated Design Approach in Development

Moderated Workshop

Question and Topics Elaboration
In a moderated workshop after the speakers attendees will elaborate specific goals which help to answer the main question “How to achieve agility, safety, high quality design and high quality products?”. Each attendee proposes two such goals. Goals will probably relate to each other and form topics.

Panel Round
In a panel the 4 speakers will give their feedback to each of the grouped topics.

Working Parties
Attendees and the speakers will form working parties to elaborate each topic and propose 3-5 practices to address the topic.

Workshop Summary
The workshop moderator will write a summary of the workshop. This will be sent out to all participants within 4 weeks after the conference.
Researcher – Entrepreneur Qualification and Workshop

What is necessary to empower young research to be exploited in industry? The workshop will present best practices of empowering young researchers to connect to industry and exploit the ideas in form of services and products.

ResEUr - Researcher - Entrepreneur Qualification

EuroSPI’s mission is to further young researchers to exploit their PHD results in industry and in partnership with other research institutes, including the set up of exploitation networks. The ResEUr project developed a training program to empower young researchers with the necessary know how to exploit the research results. ResEUr collaborates with ECQA (European Certification and Qualification Association, www.ecqa.org), which issues the certificates.

ECQA European Certification and Qualification Association

The ECQA is the result of a number of EU supported initiatives in the last ten years where in the European Union Life Long Learning Programme different educational developments decided to follow a joint process for the certification of persons in the industry. Through the ECQA it becomes possible to attend courses for a specific profession in one country and perform a Europe-wide agreed test at the end of the course. The certificate will be recognized by European training organizations and institutions in 18 member countries.

Beside the Industry Experience Track and the Research Track we include a PHD Track at this conference.

The conference includes 18 leading research presentations, above 30 industry / experience presentations and 12 selected PHD thesis presentations. Seek an invitation from the chairs Prof. Dr. Serge Tichkiewitch & Dr. Andreas Riel (andreas.riel@grenoble-inp.fr), Grenoble Institute of Technology, France, Dr. Rory O’Connor, Dublin City University, Ireland (roconnor@computing.dcu.ie), and Prof. Jan Pries-Heje, Roskilde University, Denmark (janph@ruc.dk).

Interactive Workshop

The workshop will be structured into interactive sessions, include speakers and discussions and will provide a certificate at the end.

Workshop agenda (Mixture of speakers and exercises):

- 09.00 - 09.30 ResEUr Skills Set
- 09.30 - 10.15 Shaping Ideas - Key Note Presentation
- 10.15 - 10.45 Coffee Break
- 10.45 - 11.00 Task Definition
- 11.00 - 12.00 Exercise Work
- 12.00 - 13.00 Stand up Sessions
- 13.00 - 14.30 Lunch
- 14.30 - 15.15 Complementary Skills Networking
- 15.15 - 15.30 Task Definition
- 15.30 - 16.00 Coffee Break
- 16.00 - 17.00 Exercise Work
- 17.00 - 18.00 Stand up Sessions

Workshop Summary

The workshop moderator will write a summary of the workshop. This will be sent out to all participants within 4 weeks after the conference.

ResEUr Partners Involved as Speakers

Serge Tichkiewitch, Grenoble Institute of Technology, France
Andrea Fenz, Skills International, Austria
SPI in SMEs

What is necessary to implement SPI in very small enterprises successfully and to create benefits for the SMEs. Is it possible to use SPI also in small companies?

Moderated by: Jose A. Calvo-Manzano, Universidad Politécnica de Madrid, Spain

Software Process Improvement programs have often been successfully applied to large organizations with high research and investment budgets. However, small and medium enterprises usually consider that they do not have enough economical, temporary and human resources to afford a productive implementation of an improvement program.

The application of a software quality standard or the adaptation of a process reference model to the particular characteristics of this type of companies is achievable and software small and medium companies can make a big profit from this kind of initiatives.

The main goal of this workshop is to provide a forum of discussion regarding Software Process Improvement initiatives in software small and medium organizations. It is expected that this workshop facilitates a meeting point between researchers and professionals interested in sharing particular experiences in this field to build a community among researches working on Software Process Improvement in the particular case of small and medium enterprises.

Workshop Goals
Improvement initiatives in software small and medium organizations. It is expected that this workshop facilitates a meeting point between researchers and professionals interested in sharing particular experiences in this field to build a community among researches working on Software Process Improvement in the particular case of small and medium enterprises.

Workshop Topics
Include, but are not limited to:
- Maturity models specially adapted to this type of companies.
- Experiences (lessons learned) on process assessment and implementation.
- Empirical studies of applying software process improvement to SME.
- Evaluation and comparison of techniques and models.
- Reports on the benefits/problems derived from using certain models or frameworks.
- Systematic reviews.
- Effort and cost estimation.
- Industrial Experiences and Case Studies.
- Process tools for SME.

Workshop Presentations

Speaker 1: Application of Standards (ISO/IEC 15504) in Very Small Enterprises
Antonia Mas, Esperança Amengual, Universitat de les Illes Balears, Spain

This article presents the main results and the approach followed during the implementation of the ISO/IEC 15504 standard in 5 software companies. The initial state of processes, the improvement actions, the cost of the implementation and the capability levels achieved during the assessment are the different points the article deals with.

The project which has allowed this improvement effort in these organizations has been named “QuaSAR II” and represents the continuance of the “QuaSAR” project, a software process improvement initiative started in 2002 in the Balearic Islands.

Speaker 2: Implementation of Software Process Improvement through TSPi in Very Small Enterprises
Jose A. Calvo-Manzano, Tomás San Feliu, Edgar Caballero. Universidad Politécnica de Madrid, Spain

This article shows an experience about improving software quality in a very small enterprise thanks to the benefits of developing a software project using TSPi. A customized process from the current organizational process based on the TSPi was defined and the team was trained in it. The pilot project had schedule and budget constraints. The process began by gathering historical data from previous projects in order to get a measurement repository. Then the project was launched and some metrics were collected. Finally, results were analyzed and the improvements verified.

Speaker 3: Understanding VSEs Organizational Commitment Towards Software Process Improvement
Rory O’Connor, Shuib Basri, Lero and Dublin City University, Ireland

This article presents a case study carried out in Very Small Entities (VSE), that is companies which employ less than 25 people and concerns a VSE software development process and in particular the issues of Software Process Improvement (SPI). Recent studies show that the obligation and commitment towards SPI especially in small companies is weak, usually due to insufficient resources. Accordingly we would like to understand the current situation and opinions VSE management towards SPI. In this research we carried out a survey which contains open and close ended questionnaire in a series of Irish Software VSEs. In the study the commitment of Irish Software Development VSEs was study and analyzed and our findings indicate that VSE software development process frequently changes and evolves over time and that they regularly assess and update their development processes.
Workshop 4 – 1. September 2010, 9.00 – 18.00, Room F107A

Moderated Workshop

*Question and Topics Elaboration*
In a moderated workshop after the presentations attendees will elaborate specific goals/topics which help to answer the main question “What is necessary to implement SPI in SMEs”.

*Panel Round*
In a panel the 3 presenters will give their feedback to each of the grouped goals/topics.

*Working Parties*
Attendees and the presenters will form working parties to elaborate each topic and propose 3-5 practices to address the topic.

*Workshop Summary*
The workshop moderator will write a summary of the workshop. This will be sent out to all participants within 4 weeks after the conference.
Different Standards and Experiences with the Implementation of Functional Safety

Functional safety in electronic systems requires a high level of design and quality knowledge and experiences with the implementation of standards like ISO 26262, IEC 61508. Case studies for car industry, nuclear power and other domains will be presented and discussed.

Moderated by: Risto Nevalainen, Spinet Oy, Finland

Workshop Topics
- Generic and domain specific standards for functional safety (mainly software)
- Experiences from safety standards in different domains
- New initiatives in ISO and IEC in software safety
- Certification and qualification of safety-critical and safety related systems and software
- New development and research needs in functional safety

Workshop Presentations
Each presentation is max 20 min and max 5 minutes for clarification and additional information.

Speaker 1: Functional Safety Requirements in Existing Standards
Giuseppe Lami, ISTI, Italy

Speaker 2: Generic Elements of Functional Safety - Safety Extension of ISO/IEC 15504 Standard
Mika Johansson, STUK, Finland

Speaker 3: Combined Use of SPICE and ISO 26262 - A Case Study from a German Task Force
Richard Messnarz, German SOQRATES AK Safety, Austria & Ireland

Speaker 4: New Challenges and Development Needs in Multi-Core and Mixed Systems and Platforms (Artemis RECOMP project)
Risto Nevalainen, Spinet Oy, Finland

Moderated workshop with participants and speakers

Question Elaboration
Each attendee proposes one or two topics for panel discussion, based on their own needs and presentations.

Panel Round
In a panel the 4 speakers will give their feedback to each of the discussion topics.

Workshop Summary
The workshop moderator will write a summary of the workshop. This will be sent out to all participants within 4 weeks after the workshop.

Workshop is organized in partnership with EuroSPI network and RECOMP project
Ivar Jacobson was born in Ystad, Sweden on 2 September 1939. He got his Master of Electrical Engineering degree at Chalmers Institute of Technology in Gothenburg in 1962 and a Ph.D. at the Royal Institute of Technology in Stockholm in 1985 on a thesis on Language Constructs for Large Real Time Systems.

After university Jacobson started working at Ericsson until April 1987, when he started Objective Systems. A majority stake of the company was acquired by Ericsson in 1991, and the company was renamed Objectory AB. Jacobson developed the software process OOSE at Objectory circa 1992.

In October 1995 Ericsson divested Objectory to Rational Software and Jacobson started working with Grady Booch and James Rumbaugh, known collectively as the Three Amigos.

In mid 2003 Jacobson formed Ivar Jacobson International (IJI) which is an umbrella company for Ivar Jacobson Consulting (IJC) which operates across 4 continents with offices in the UK, US (West and East Coast), Europe, Scandinavia, China, Korea, Singapore and Australia.

Ivar will talk about experiences with the SEMAT initiative which bases on the following vision:

Software engineering is gravely hampered today by immature practices. Specific problems include:

→ The prevalence of fads more typical of fashion industry than of an engineering discipline.
→ The lack of a sound, widely accepted theoretical basis.
→ The huge number of methods and method variants, with differences little understood and artificially magnified.
→ The lack of credible experimental evaluation and validation.
→ The split between industry practice and academic research.

We support a process to refound software engineering based on a solid theory, proven principles and best practices that:

→ Include a kernel of widely-agreed elements, extensible for specific uses
→ Addresses both technology and people issues
→ Are supported by industry, academia, researchers and users
→ Support extension in the face of changing requirements and technology

Books
From Software Process Improvement to System and Process Integration. Where is SPI going?

What does SPI have to do with product development? With manufacturing and recycling? With systems, products and services? With people and networks?

Innovative modern products and systems increasingly demand the integration of disciplines especially in the early phases of development. Nowadays software is an integral part of almost every process and the associated products and services. As such, it can no longer be conceived and developed separately from those entities. Systems and software design have to go together throughout the whole life-cycle of the product. The role of system architects seems to be most affected by this paradigm shift. Integration shows that way: Integration of stakeholders, of expertise and disciplines.

But what does this mean? What are the implications? Can the “S” of SPI indicate “System” rather than for “Software”? Can the “I” stand for “Integration” as well as for “Improvement”? What can SPI research do in order to support industrial organization in the effort? By consequence, where are we going with SPI?

Curriculum Vitae
Andreas Riel is Program Manager of Innovation Projects in the international EMIRAcle research association, which is based in Grenoble, France.

He has ten years of professional work experience in the automotive industry at AVL LIST GmbH in Graz, Austria, where moved from the position of a mechatronics development engineer over several stages to company-wide innovation management. Strongly convinced of the increasing importance of strengthening the links between industry and academia on an international level, he took the challenge to assume a key role in the management of the European Network of Excellence in Product Development and Manufacturing Research VRL-KCiP, which is at the origin of EMIRAcle.

Currently he coordinates research and innovation transfer projects in the areas of Integrated Product and Systems Design, Entrepreneurial Competencies, and Lean Six Sigma. Over the recent years he has gained vast experience in innovation management in both product development and manufacturing, as well in industry as in academia.
Key Note 3

Cristina Romcea, Continental Automotive AG, Germany

Implementing Enterprise SPICE - Concern Wide Business and Development Processes Supported by Advanced Systems

While the automotive industry increases, products get more and more complex. The challenge and the goal of the organisations Quality Management System (QMS) is to fulfill the customers requirements related to standards and norms (e.g. Automotive SPICE, CMMI, ISO TS 16949, ISO/IEC 26262). The QMS assures that the quality of the processes is checked and continuously improved.

The Quality Management System includes the process landscape, which covers all process areas of the company. With the expansion of the companies over different countries and continents distributed processes are developed. Organisation wide processes based on similar modelling rules, naming conventions and standards must be defined. The main challenge is to set up a company wide model, which can be used either for engineering processes but also for all business processes. The key note describes how companies can cope with these challenges.

Curriculum Vitae

Cristina Romcea works in the field of Quality Management at Continental AG since June 2005. After studying computer science in Sibiu, Romania, she started her work at the local site of the Continental company in the quality department. Her area of responsibilities includes the setting up of the quality management system based on the ISO/TS 16949, as well as topics such as process modelling and Automotive SPICE. Three years later she took a job in the quality department in Nuremberg, Germany. Her area of responsibility covers the set up the quality management system worldwide after the ISO/TS 16949, Automotive SPICE, process management and tool support for the used tools. Cristina Romcea is a trained Automotive SPICE Competent Assessor, a Six Sigma Green Belt and a ISO/TS 16949 auditor. In addition to her duties at Continental she is the deputy director of the professional group ASQF Maturity Models where she organizes various events for this purpose.
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.00 - 09.00</td>
<td>Registration</td>
</tr>
<tr>
<td>09.00 - 09.15</td>
<td>Opening - Welcome Note Room: Amphi Barbillon</td>
</tr>
<tr>
<td>09.15 - 09.30</td>
<td>EuroSPI Strategies - A European Systems, Software and Services Initiative Room: Amphi Barbillon</td>
</tr>
<tr>
<td>09.30 - 10.30</td>
<td>Key Note 1: Ivar Jacobson, Jacobson International (IJI), Ivar Jacobson Consulting (IJC), Sweden Chair: Risto Nevalainen Room: Amphi Barbillon</td>
</tr>
<tr>
<td>10.30 - 11.00</td>
<td>Coffee Break/Exhibition</td>
</tr>
<tr>
<td>11.00 - 12.10</td>
<td>RS1: SPI Assessment Issues 3 papers a 15 mins standups 20 minutes moderated discussion Chair: Rory O’Connor Room: Amphi Barbillon</td>
</tr>
<tr>
<td></td>
<td>RS2: SPI Frameworks &amp; Models 3 papers a 15 mins standups 20 minutes moderated discussion Chair: Jorn Johansen Room: Amphi Gosse</td>
</tr>
<tr>
<td></td>
<td>RS3: Project and Management Issues 3 papers a 15 mins standups 20 minutes moderated discussion Chair: Andreas Riel Room: Amphi C</td>
</tr>
<tr>
<td>12.10 - 13.45</td>
<td>Lunch Break</td>
</tr>
<tr>
<td>13.45 - 15.15</td>
<td>ES1: SPI &amp; Assessment 6 papers a 10 mins standups 30 minutes moderated discussion Chair: Risto Nevalainen Room: Amphi Barbillon</td>
</tr>
<tr>
<td></td>
<td>ES2: SPI &amp; IT Services 6 papers a 10 mins standups 30 minutes moderated discussion Chair: Rory O’Connor Room: Amphi Gosse</td>
</tr>
<tr>
<td></td>
<td>ES3: SPI &amp; People / Acceptance 6 papers a 10 mins standups 30 minutes moderated discussion Chair: Ricardo Colomo Palacios Room: Amphi C</td>
</tr>
<tr>
<td>15.15 - 15.45</td>
<td>Coffee Break/Exhibition</td>
</tr>
<tr>
<td>15.45 - 16.50</td>
<td>ES4: SPI &amp; Measurement 3 papers a 15 mins standups 20 minutes moderated discussion Chair: Risto Nevalainen Room: Amphi Barbillon</td>
</tr>
<tr>
<td></td>
<td>ES5: SPI &amp; Testing 3 papers a 15 mins standups 20 minutes moderated discussion Chair: Tomas Schweigert Room: Amphi Gosse</td>
</tr>
<tr>
<td>16.50 - 17.00</td>
<td>Coffee Break/Exhibition</td>
</tr>
<tr>
<td>17.00 - 18.00</td>
<td>ES6: SPI &amp; Agile 2 papers a 15 mins standups 30 minutes moderated discussion Chair: Andreas Riel Room: Amphie Barbillon</td>
</tr>
<tr>
<td></td>
<td>ES7: SPI &amp; Systems Improvement 3 papers a 15 mins standups 15 minutes moderated discussion Chair: Gunther Spork Room: Amphi Gosse</td>
</tr>
<tr>
<td>19.00 - 23.00</td>
<td>Social Event - French Music, Food &amp; Art</td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>09.00 - 10.00</td>
<td><strong>Key Note 2:</strong> Andreas Riel, EMIRAcle, France</td>
</tr>
<tr>
<td>10.00 - 10.15</td>
<td>Coffee Break/Exhibition</td>
</tr>
<tr>
<td>10.15 - 11.25</td>
<td><strong>ES8: SPI &amp; Management</strong></td>
</tr>
<tr>
<td></td>
<td>4 papers a 10 mins standups</td>
</tr>
<tr>
<td></td>
<td>20 minutes moderated discussion</td>
</tr>
<tr>
<td></td>
<td><strong>ES9: SPI &amp; Knowledge</strong></td>
</tr>
<tr>
<td></td>
<td>3 papers a 15 mins Standups</td>
</tr>
<tr>
<td></td>
<td>25 minutes moderated discussion</td>
</tr>
<tr>
<td>11.25 - 11.35</td>
<td>Coffee Break/Exhibition</td>
</tr>
<tr>
<td>11.35 - 12.40</td>
<td><strong>RS4: Organisational &amp; Quality Issues</strong></td>
</tr>
<tr>
<td></td>
<td>3 papers a 15 mins Standups</td>
</tr>
<tr>
<td></td>
<td>20 minutes moderated discussion</td>
</tr>
<tr>
<td></td>
<td><strong>RS5: Economic Aspects of SPI</strong></td>
</tr>
<tr>
<td></td>
<td>3 papers a 15 mins Standups</td>
</tr>
<tr>
<td></td>
<td>20 minutes moderated discussion</td>
</tr>
<tr>
<td>12.40 - 14.00</td>
<td>Lunch Break</td>
</tr>
<tr>
<td>14.00 - 15.00</td>
<td><strong>Key Note 3:</strong> Cristina Romcea, Continental Automotive, Germany</td>
</tr>
<tr>
<td>15.00 - 15.15</td>
<td><strong>Closing:</strong> Best Paper Award - EuroSPI &amp; ASQ and Next Conference</td>
</tr>
<tr>
<td></td>
<td>Potential to join initiatives and project proposals for EuroSPI, ECQA and EMIRAcle</td>
</tr>
<tr>
<td></td>
<td><strong>Chair:</strong> Richard Messnarz</td>
</tr>
<tr>
<td></td>
<td><strong>Room:</strong> Amphi Barbillon</td>
</tr>
<tr>
<td>Research Sessions (RS)</td>
<td></td>
</tr>
<tr>
<td>------------------------</td>
<td></td>
</tr>
<tr>
<td><strong>RS 1: SPI Assessment Issues</strong></td>
<td></td>
</tr>
</tbody>
</table>
| **Team SPICE: A SPICE-based Teamwork Assessment Model**  
E. Amengual, A. Mas & A. L. Mesquida, University of the Balearic Islands, ES |
| **How to Improve Process Models for Better ISO/IEC 15504 Process Assessment**  
M. Picard, A. Renault & St. Cortina, Centre de Recherche Public Henri Tudor, LU |
| **Harnessing ISO/IEC 12207 to Examine the Extent of SPI Activity in an Organisation**  
P. Clarke, Dublin City University & R. O’Connor, Dublin City University & Lero, IE |
| **RS 2: SPI Framework & Models** |
| **Understanding the Perception of Very Small Software Companies Towards the Adoption of Process Standards**  
S. Basri, Lero, IE & Universiti Teknologi PETRONAS, MY & R. O’Connor, Dublin City University & Lero, IE |
| **The Tutelkan SPI Framework for Small Settings: A Methodology Transfer Vehicle**  
G. Valdes, H. Astudillo, M. Visconti & C. López, Universidad Técnica Federico Santa María, CL |
| **Approach to Identity Internal Best Practices in a Software Organization**  
J. A. Calvo-Manzano, G. Cuevas, J. Mejia, M. Muñoz, & T. San Feliu, Universidad Politécnica de Madrid, ES & Á. Rocha, Universidade Fernando Pessoa, PT |
| **RS 3: Project and Management Issues** |
| **Requirement Changes and Project Success: The Moderating Effects of Agile Approaches in System Engineering Projects**  
S. Maierhofer, E. Stelzmann, M. Kohlbacher & B. Feller, Graz University of Technology, AT |
| **Which Process Model Practices Support Project Success?**  
M. Lepmets, Tallinn University of Technology, EE |
| **A Framework for Process Improvement in Software Product Management**  
W. Bekkers, I. van de Weerd, M. Spruit & S. Brinkkemper, Utrecht University, NL |
| **RS 4: Organisational and Quality Issues** |
| **Software Process Improvement Initiatives based on Quality Assurance Strategies: A QATAM Pilot Application**  
D. Winkler, F. Elberzhager, S. Biffl & R. Eschbach, Vienna University of Technology, AT |
| **Improving Video Game Development: Facilitating Heterogeneous Team Collaboration Through Flexible Software Processes**  
J. Musil, A. Schweda, D. Winkler & S. Biffl, Vienna University of Technology, AT |
| **Improving IT Service Management Processes: A Case Study on IT Service Support**  
A. Lahtela & M. Jäntti, University of Eastern Finland, FI |
### RS 5: Economic Aspects of SPI

**The Rosetta Stone Methodology - A Benefits Driven Approach to Software Process Improvement**  
F. McLoughlin & I. Richardson, Lero, University of Limerick, IE

**Impact of Growing Business on Software Processes**  
N. Nikitina & M. Kajko-Mattsson, Royal Institute of Technology, SE

**Improving Software Development Process through Economic Mechanism Design: A Proposal for the Research into Game Theory**  
M. Yilmaz, Dublin City University, IE; R. O'Connor, Lero & Dublin City University, IE & J. Collins, University of Minnesota, USA

### RS 6: SPI Standards and Reference Models

**Software Engineering Support Activities for Very Small Enterprises**  
V. Ribaud, P. Saliou & C. Y. Laporte, University of Brest, FR

**Graphical Technique to Support the Teaching/Learning Process of Software Process Reference Models**  
I. E. Espinosa-Curiel, J. Rodríguez-Jacobo & J. A. Fernández-Zepeda, CICESE, MX

**MATURE: A Model driven based Tool to automatically generate a language that supports CMMI process areas specification**  
D. Musat, V. Castano, J. A. Calvo & J. Garbajosa, Technical University of Madrid (UPM), ES
## Experience / Industry Sessions (ES)

### ES 1: SPI & Assessment

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Software Improvement Through Benchmarking: Case Study Results</td>
<td>H. Sassenburg, SE-CURE, CH, L. Voinea, SolidSource, NL &amp; P. Wijnhoven, Sioux Embedded Systems, NL</td>
</tr>
<tr>
<td>Med-Adept: A Lightweight Assessment Method for the Irish Medical Device Software Industry</td>
<td>F. Mc Caffery &amp; V. Casey, Dundalk Institute of Technology &amp; Lero, IE</td>
</tr>
<tr>
<td>The First Achievement of SPICE Level 2: A Case Study from Turkey</td>
<td>B. Büyükkagnıcıy, E. Yazıcıy &amp; Ö. Tüfekçi, INNOVA IT Solutions, TR</td>
</tr>
</tbody>
</table>

### ES 2: SPI & IT Services

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Cluster Approach to Security Improvement According to ISO/IEC 27001</td>
<td>N. Mayer, Centre de Recherche Public Henri Tudor, LU</td>
</tr>
<tr>
<td>Introducing IT Cost Services Management in a Small Enterprise</td>
<td>F. Albero &amp; J. Amillo, Universidad Politécnica de Madrid, ES, M. Arcilla, Universidad Nacional de Educación a Distancia, ES &amp; J. A. Calvo-Manzano, Universidad Politécnica de Madrid, ES</td>
</tr>
<tr>
<td>NQA2 - Quality Management in Role Based Teamwork Environments</td>
<td>M. Milev, D. Ekert &amp; R. Messnarz, ISCN GesmbH, Austria</td>
</tr>
</tbody>
</table>

### ES 3: SPI & People / Acceptance

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teaching Software Process Improvement and Assessment</td>
<td>C. Gresse von Wangenheim, Federal University of Santa Catarina (UFSC), BR &amp; J. C. R. Hauck, Federal University of Santa Catarina (UFSC), BR &amp; Dundalk Institute of Technology, IE</td>
</tr>
<tr>
<td>Codified vs. Personalized - A Vertical Approach to the Dilemma of the Knowledge Management Strategies</td>
<td>K. Jahn &amp; P. A. Nielsen, Aalborg University, DK</td>
</tr>
<tr>
<td>The Diffusion of SPI in Larger Danish Software Companies</td>
<td>A. Munk-Madsen, Metodica, DK &amp; P. A. Nielsen, Aalborg University, DK</td>
</tr>
<tr>
<td>IP - A Framework for Aligning Process Maturity with Knowledge Sharing</td>
<td>E. Georgiadou, University of Middlesex, UK, K. V. Siakas, Alexander Technological Educational Institute of Thessaloniki, GR &amp; B. Balstrup, Center for Software Innovation, DK</td>
</tr>
</tbody>
</table>
ES 4: SPI & Measurement

Quantitative Benefits of a Model-Based Process Improvement Program at Portugal Telecom Inovação (PTIN): Who, What, Why, Where, How and Results
A. M. do Valle, ISD Brasil, BR, N. A. Martins Seixas, Portugal Telecom Inovação, PT, S. Oliveira & P. Monteiro, Universidade do Minho, PT

A Standards-Based Model for the Specification of System Design and Implementation Constraints
A. Abran & K. T. Al-Sarayreh, University of Quebec, CA

A Framework of the Factors that Influence the Software Process Improvement in Small Organizations

ES 5: SPI & Testing

Acceptance Test-Driven Development by Annotation of Existing Documentation
D. Connolly, F. Keenan & F. Mc Caffery, Software Technology Research Centre (SToRC), Dundalk Institute of Technology, IE

Approaches Facilitating WS-BPEL Testing
D. Petrova-Antonova, I. Krasteva & S. Ilieva, Sofia University, BG

Automotive and Medical: Can we Learn from Each Other?
A. Kramer, sepp.med, DE

ES 6: SPI & Agile

Contextualizing Agile Software Development
P. Kruchten, Kruchten Engineering Services Ltd, CA

Agility Meets Systems Engineering: A Catalogue of Success Factors from Industry Practice
E. Stelzmann, Ch. Kreiner, Graz University of Technology, AT & R. Messnarz, ISCN, AT & IE & G. Spork, Magna Powertrain, AT & D. Ekert, ISCN, AT & F. Koenig, ZF Friedrichshafen, DE

ES 7: SPI & Systems Improvement

Improving Safety and Availability of Complex Systems by Using an Integrated Design Approach in Development
O. Bachmann, SIBAC & ISCN Group, DE & R. Messnarz, ISCN, AT & IE

Innovation Management System for the Automotive Supplier Industry to Drive Idea Generation and Product Innovation
M. Neumann, Kolbenschmidt Pierburg AG, DE, A. Riel & D. Brissaud, G-SCOP Laboratory, Grenoble University of Technology, FR

Explorative Hazard Analysis Process in Requirement Phase
M. Ito, Nil Software Corp., JP
ES 8: SPI & Management

Initiating Quality Management in a Small Software Enterprise
M. Suula, T. Mäkinen & T. Varkoi, Tampere University of Technology, FI

A CMMI Based Configuration Management Framework to Manage the Quality of Service Based Applications
S. I. Hashmi, S. Lane, D. Karastoyanova & I. Richardson, Lero, IE

How Green is your Black Belt?
D. Theisens, Symbol BV, NL

Drifting SPI: Studying Practice
G. Tjernehaj, Aarhus University, DE

ES 9: SPI & Knowledge

Process Assets Libraries as Knowledge Repositories for Learning Improvement: An Experience with Agile Processes
A. Amescua, L. Bermón, J. García & M.-I. Sánchez, Carlos III University of Madrid, ES

Proposing a Knowledge Engineering Based Approach for Process Capability/Maturity Models Customization
J. C. R. Hauck, Universidade Federal de Santa Catarina, BR & Dundalk Institute of Technology, IE, C. Gresse von Wangenheim, Universidade Federal de Santa Catarina, BR

Proposing a Knowledge Engineering Based Approach for Process Capability/Maturity Models Customization
J. C. R. Hauck, Universidade Federal de Santa Catarina, BR & Dundalk Institute of Technology, IE, C. Gresse von Wangenheim, Universidade Federal de Santa Catarina, BR

SPICE Level 3 - Experience with using E-Learning to Coach the Use of Standard System Design Best Practices in Projects
D. Ekert, ISCN, AT, A. Riel, Grenoble Institute of Technology, FR

ES10: SPI & GSD

Factors that Contribute to the Effective Management of Global Virtual Teams
J. García, J. Saldaña, A. Amescua & A. Sanz, Carlos III University of Madrid, ES

Lessons in Global Software Development - Local to Global Transition within a Regulated Environment
O. Cawley & I. Richardson, Lero, University of Limerick, IE
SQS Group

The SQS Group, (SQS) is the largest independent provider of software testing and quality management services worldwide. After 27 years of successful operation the company has built an unparalleled reputation as the industry leader. Customers can improve their operations and gain competitive advantage by using SQS’s knowledge, built on strong methodologies, developed from decades of experience. Over this period, the company has developed extensive specialist knowledge in many vertical markets.

www.sqs-group.com

Quality Management Center of the German Automotive Association

The Quality Management Center (QMC) has existed for the benefit of German automotive OEM’s and their suppliers since August 1997. Under the leadership of Mr Heinz-Günter Plegniere, the QMC operates within the section of the German Automotive Industry Association (VDA) run by Dr Thomas Schlick.

The roles and responsibilities undertaken by the QMC are varied and the questions surrounding quality management in the automotive industry occupy us on daily basis.

In 2005 the industry-specific standard Automotive SPICE, derived from the new ISO 15504 International Standard (IS) for software process assessments, was published by the Special Interest Group Automotive. This mandatory method is consulted more and more as an objective process evaluation and for the process improvements resulting from it on the project and organizational level. Automotive SPICE has its own Process Reference Model (PRM) and Process Assessment Model (PAM). After registration, both are available at

DELTA

DELTA is an independent centre for technology and innovation. DELTA develops new solutions, solves problems and transfers technology in: Electronics, software technology, light, optics, acoustics, vibrations and noise.

DELTA’s process and consulting department is the leading organisation for assessments and improvements in Denmark. DELTA has access to a pool of Danish firms using SPICE, CMMI, etc. and they analysed the improvement programs in many different firms and developed a methodology AIM to select the right decisions (based on best practice experiences) when implementing improvement programs.

www.delta.dk

ECQA - European Certification and Qualification Association

ECQA is the result of a number of EU supported initiatives in the last ten years where in the European Union Life Long Learning Program different educational developments decided to follow a joint process for the certification of persons in the industry.

Through the ECQA it becomes possible to attend courses for a specific profession in one country and perform a Europe-wide agreed examination at the end of the course. The certificate will be recognized by European training organizations and institutions in 18 member countries.

www.ecqa.org

Falcon Leader

Its strongest business areas are software process improvement and project management. Falcon Leader organises training related to the areas of IT project management and SPICE method. It provides also estimation and assessment services. Falcon Leader cooperates with several international research and sales partners.

www.falconleader.eu

FiSMA

Finnish Software Measurement Association FiSMA is an independent registered association focusing on better management through improving the quality and measurability of software and systems engineering. FiSMA’s membership is intended for all companies, research units, universities and other institutes interested in software measurement. At the moment, there are about 40 active member organisations and local software process improvement networks (SPINs).

FiSMA was established in 1992 with name LATURI user group. In 1998 it changed its name to FiSMA and expanded its operation to the current level. FiSMA is a member in ISBSG (International Software Benchmarking Standards Group) EuroSPI network.

www.fisma.fi
ISCN - International Software Consulting Network Association

Since 17 years ISCN moderates European task forces and networks for process improvement and systems engineering. The knowledge of the task forces is collected, analysed and archived in teamworking and knowledge management portals which created a unique European knowledge base for the industry. Also your company can benefit from collaboration with ISCN and access to this vast pool of knowledge. ISCN is the coordinator of EuroSPI (www.eurospi.net). ISCN is the moderator of the German SOQRATES initiative (www.soqrates.de) in which cross company task forces collaborate to share knowledge about practical implementation of SPICE. ISCN is the technology platform provider and member of the executive board of the European Certification and Qualification Association (ECQA, www.ecqa.org) in which 16 European professions (with ISCN as prime manager of the Certified innovation manager network) are supported with learning and exam portals and Europe wide certification. ISCN is the provider of the Capability Adviser web assessment platform which supports SPICE assessments (Automotive, Finance, ISO 9001, etc.), online learning and reporting. The systems are currently used by major suppliers such as ZF Friedrichshafen, Continental, Magna Powertrain, T-Systems, Giesecke & Devrient, etc. ISCN is an INTACS accredited ISO 15504 Provisional Assessor (ISO 15504 and Automotive SPICE) course provider and offers an experienced team of assessors in collaboration between ISCN and Methodpark.

www.iscn.com

iSQI - International Software Quality Institute

The International Software Quality Institute (iSQI GmbH), headquartered in Erlangen and Potsdam, Germany, develops internationally accepted certification standards for the advanced vocational training of software professionals. Only internationally recognized certification schemes that are independent from the companies benefiting from them will enable a more uniform professionalization of the people involved in software development. Moreover, such certification standards will ensure that employees have a high level of qualification meeting international requirements, enabling them to cooperate across borders and language barriers. iSQI is Germany's leading personnel certifier in the field of software quality and awards certifications to people in over 35 countries on 5 continents. The iSQI Certified program includes standards for Software Test, Software Architecture, Project Management, Innovation Management, Configuration Management, Requirements Engineering as well as the certification for SPICE Assessors in accordance with INTACS. Further schemes in the fields of IT Security Management, Secure Software Engineering and for V-Modell XT are to follow in autumn 2008. For this purpose, iSQI has entered into approximately 100 international partnerships and projects and actively collaborates in international organizations such as the International Organization for Standardization (ISO) and the European Quality Network (EQN). Moreover, iSQI educates professionals by regularly implementing seminars and conferences.

www.isqi.org
EuroSPI 2010 General Chairmanships

Richard Messnarz, ISCN, Ireland/Austria
General Chair and Workshop Chair

Miklos Biro, Corvinus University of Budapest, Hungary
Marketing Chair

Serge Tichkiewitch, Grenoble Institute of Technology, France
Scientific Program Committee Chair, Local Organizer

Andreas Riel Grenoble Institute of Technology, France
Scientific Program Committee Chair, Local Organizer

Rory O’Connor, Dublin City University, Ireland
Scientific Program Committee Chair

Risto Nevalainen, FiSMA and STTF, Finland
Industrial Program Committee Chair

Stephan Goericke, iSQI, Germany
Industry Program Committee Chair

Jorn Johansen, DELTA, Denmark
Industry Program Committee Chair

Mads Christiansen, DELTA, Denmark
Industry Program Committee Chair

Nils Brede Moe, SINTEF, Norway
Industry Program Committee Chair

Adrienne Clarke, ISCN, Ireland
Conference Administrator and Marketing Co-Chair
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution and Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alain ABRAN</td>
<td>University of Quebec, CANADA</td>
</tr>
<tr>
<td>Vincenzo AMBRIOLA</td>
<td>Universita di Pisa, ITALY</td>
</tr>
<tr>
<td>Aybke AURUM</td>
<td>University of New South Wales, AUSTRALIA</td>
</tr>
<tr>
<td>Shuib BASRI Lero</td>
<td>Irish Software engineering research centre, IRELAND</td>
</tr>
<tr>
<td>Stefan BIFFL</td>
<td>University of Technology Vienna, AUSTRIA</td>
</tr>
<tr>
<td>Miklos BIRO</td>
<td>Corvinus University of Budapest, HUNGARY</td>
</tr>
<tr>
<td>Luigi BUGLIONE</td>
<td>Engineering Ingegneria Informatica S.p.A., ITALY</td>
</tr>
<tr>
<td>Jos Antonio CALVO-MANZANO VILLALIN</td>
<td>Universidad Politecnica de Madrid, SPAIN</td>
</tr>
<tr>
<td>Valentine CASEY</td>
<td>Dundalk Institute of Technology, IRELAND</td>
</tr>
<tr>
<td>Bee Bee CHUA</td>
<td>University of Technology Sydney, AUSTRALIA</td>
</tr>
<tr>
<td>Marcus CIOLKOWSKI</td>
<td>Fraunhofer IESE, GERMANY</td>
</tr>
<tr>
<td>Paul CLARKE Lero</td>
<td>Irish Software engineering research centre, IRELAND</td>
</tr>
<tr>
<td>Darren DALCHER</td>
<td>Middlesex University, UK</td>
</tr>
<tr>
<td>Antonio DE AMESCUA SECO SOCIO</td>
<td>Carlos III University of Madrid, SPAIN</td>
</tr>
<tr>
<td>Torgeir DINGSOYR</td>
<td>SINTEF ICT, NORWAY</td>
</tr>
<tr>
<td>Felix GARCIA</td>
<td>University of Castilla-La Mancha, SPAIN</td>
</tr>
<tr>
<td>Javier GARCIA-GUZMAN</td>
<td>Universidad Carlos III De Madrid SPAIN</td>
</tr>
<tr>
<td>Tony GORSCHEK</td>
<td>Blekinge Institute of Technology, SWEDEN</td>
</tr>
<tr>
<td>Christiane GRESSE VON WANGENHEIM</td>
<td>Federal University of Santa Catarina - UFSC, BRAZIL</td>
</tr>
<tr>
<td>Frank KEENAN</td>
<td>Dundalk Institute of Technology, IRELAND</td>
</tr>
<tr>
<td>Christian KREINER</td>
<td>Graz University of Technology, AUSTRIA</td>
</tr>
<tr>
<td>Dieter LANDES</td>
<td>Fachhochschule Coburg, GERMANY</td>
</tr>
<tr>
<td>Fergal MCCAFFERY</td>
<td>Dundalk Institute of Technology, IRELAND</td>
</tr>
<tr>
<td>Timo MÄKINEN</td>
<td>Tampere University of Technology, FINLAND</td>
</tr>
<tr>
<td>Antonia MAS PICHACO</td>
<td>Universitat de les Illes Balears, SPAIN</td>
</tr>
<tr>
<td>Patricia MCQUAID</td>
<td>California Polytechnic State University, USA</td>
</tr>
<tr>
<td>Jürgen MÜNCH</td>
<td>Fraunhofer IESE, GERMANY</td>
</tr>
<tr>
<td>Rory O’CONNOR</td>
<td>Dublin City University, IRELAND</td>
</tr>
<tr>
<td>Keith PHALP</td>
<td>Bournemouth University ,UK</td>
</tr>
<tr>
<td>Ita RICHARDSON</td>
<td>LERO - the Irish Software Engineering Research Centre, IRELAND</td>
</tr>
<tr>
<td>Alberto SILLITTI</td>
<td>Free University of Bolzano, ITALY</td>
</tr>
<tr>
<td>Kari SMOLANDER</td>
<td>Lappeenranta University of Technology, FINLAND</td>
</tr>
<tr>
<td>Kai STAPEL</td>
<td>Leibniz Universit Hannover, GERMANY</td>
</tr>
<tr>
<td>Serge TICHKIEWITCH</td>
<td>Grenoble Institute of Technology, FRANCE</td>
</tr>
<tr>
<td>Romana VAJDE HORVAT</td>
<td>proHUMAN Cooperation and Business Management Ltd., SLOVENIA</td>
</tr>
<tr>
<td>Paula VENTURA MARTINS</td>
<td>FCT-University of Algarve, PORTUGAL</td>
</tr>
<tr>
<td>Ivo VONDRAK</td>
<td>VSB - Technical University of Ostrava, CZECH REPUBLIC</td>
</tr>
</tbody>
</table>
## Industrial Program Committee

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution and Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volker Ovi BACHMANN</td>
<td>SIBAC GmbH, GERMANY</td>
</tr>
<tr>
<td>Bo BALSTRUP</td>
<td>Center for Software Innovation, DENMARK</td>
</tr>
<tr>
<td>Miklos BIRO</td>
<td>Corvinus University of Budapest, HUNGARY</td>
</tr>
<tr>
<td>Eva BRESKE</td>
<td>Robert Bosch GmbH, GERMANY</td>
</tr>
<tr>
<td>Mads CHRISTIANSEN</td>
<td>DELTA, DENMARK</td>
</tr>
<tr>
<td>Taz DAUGHTREY</td>
<td>James Madison University, USA</td>
</tr>
<tr>
<td>Carol DEKKERS</td>
<td>Quality Plus Technologies, USA</td>
</tr>
<tr>
<td>Klaudia DUSSA-ZIEGER</td>
<td>Method Park Software AG, GERMANY</td>
</tr>
<tr>
<td>Damjan EKERT</td>
<td>ISCN GmbH, AUSTRIA</td>
</tr>
<tr>
<td>Detlef FEHRER</td>
<td>SICK AG, GERMANY</td>
</tr>
<tr>
<td>Stephan GOERICKE</td>
<td>iSQI GmbH, GERMANY</td>
</tr>
<tr>
<td>Philipp HAGENMEYER</td>
<td>ZF Friedrichshafen AG, GERMANY</td>
</tr>
<tr>
<td>Tim HIND</td>
<td>AXA, UK</td>
</tr>
<tr>
<td>Jörn JOHANSEN</td>
<td>DELTA, DENMARK</td>
</tr>
<tr>
<td>Mika JOHANSSON</td>
<td>Finnish Software Measurement Association FiSMA, FINLAND</td>
</tr>
<tr>
<td>Gerhard LICHTENECKER</td>
<td>Magna Steyr, AUSTRIA</td>
</tr>
<tr>
<td>Richard MESSNARZ</td>
<td>ISCN Ltd., IRELAND</td>
</tr>
<tr>
<td>Risto NEVALAINEN</td>
<td>FISMA, FINLAND</td>
</tr>
<tr>
<td>Minna PIKKARAINEN</td>
<td>VTT Technical Research Centre of Finland, FINLAND</td>
</tr>
<tr>
<td>Alexander POTH</td>
<td>SQS Software Quality Systems AG, GERMANY</td>
</tr>
<tr>
<td>Andreas RIEL</td>
<td>EMIRacle, Grenoble Institute of Technology, FRANCE</td>
</tr>
<tr>
<td>Samuel RENAULT</td>
<td>Centre de Recherche Public Henri Tudor, LUXEMBOURG</td>
</tr>
<tr>
<td>Cristina ROMCEA</td>
<td>Conti Temic microelectronic GmbH, GERMANY</td>
</tr>
<tr>
<td>Tomas SCHWEIGERT</td>
<td>SQS Software Quality Systems AG, GERMANY</td>
</tr>
<tr>
<td>Gunther SPORK</td>
<td>Magna Powertrain, AUSTRIA</td>
</tr>
<tr>
<td>Maria STEFANOVA-PAVLOVA</td>
<td>Center for Innovation and Technology Transfer-Global, BULGARIA</td>
</tr>
<tr>
<td>Peter VON BRONK</td>
<td>Systemberatung Software-Qualität, GERMANY</td>
</tr>
</tbody>
</table>
Conference Banquet Dinner – Enjoy the High Level Standards of French Music, Food and Art!

This year you can enjoy an UNFORGETTABLE EVENING ON THE BASTILLE of the capital of the Alps, with a stunning view on the city of the Olympic Winter Games 1968 embedded in an unique mountainous environment!

While enjoying traditional FRENCH FOOD listen to CHANSON SINGERS and let you be portrayed by CARICATURISTS!

Date: 2. September 2010, 7 p.m. - about 11 p.m.
Location: “Chez le Pèr’Gras” on the “Bastille”
Meetingpoint: At the top of the Grenoble Lift Departure to the "Bastille", then walk to “Chez le Pèr’Gras”
The voucher and directions you will find in your conference bag.

Meet Research and Industry Partners in an Open Social Space and New Ideas will Flow!
This year the conference takes place at the Grenoble Institute of Technology, acting as the host of EuroSPI2010.

HOW TO FIND THE PLACE

By Plane:
- You can fly to Paris and take the high speed train to Grenoble.
- You can fly either to Geneva in Switzerland or to Lyon in France.
- Links for shuttle services from the airports to Grenoble you can find on 2010.eurospi.net.

By Train:
- There are trains from Lyon to Grenoble every 30 minutes and the train takes about between 70 to 90 minutes.
- There are trains from Geneva airport to Grenoble nearly every 2 hours and the train takes 2 hours 30 minutes.
- There are high speed trains from Paris to Grenoble with about 2 hours travel time.

By Car:
- If you fly to Geneva airport and rent a car, the drive is only 60 minutes to Grenoble.
- If you fly to Lyon airport and rent a car, the drive is only 70 minutes to Grenoble.
- If you come by car via Italy take the route via Turin and the tunnel through the Alps to Grenoble.
- If you come by car via Germany take the route via Switzerland and Geneva to Grenoble.
Conference Location – Grenoble Institute of Technology, France
Ground Floor

A - Main Entrance
B - Welcoming desk
C - Hall – Industrial Eng. School (Génie industriel)
D - Amphi Barbillon
E - Amphi Gosse
F - Salle des Pas Perdus
G - Stairs to Amphi C

1st Floor

A - Amphi C
*** Hotels

**Hotel Angleterre**
5, Place Victor Hugo  
38000 Grenoble  
Tel: +33 4 76 87 37 21  
www.hotel-angleterre-grenoble.com

Single: € 115,- (incl. breakfast) + € 0.88 tax per day

**Hotel Europole**
29, rue Pierre-Sémard  
38000 Grenoble  
Tel: +33 4 76 49 51 52  
www.hoteleuropole.com

Singles: € 98,- + € 12.50 breakfast + € 0.80 tax per day

**Hotel Suisse Bordeaux**
6, Place Gare  
38000 Grenoble  
Tel: +33 4 76 47 55 87  
hotel-sb-grenoble.com

Single: € 55,- (incl. tax and breakfast)

**Hotel des Alpes**
45, Avenue Felix Viallet  
38000 Grenoble  
+33 4 76 87 00 71  
hotel-des-alpes.fr

Single: € 55,- + € 6,- breakfast + € 0.66 tax per day

Price shown below are valid until July 1st, 2010 only. 
Please use "EuroSPI 2010" code while booking.
** Hotels

Hotel de l'Institut

10, Rue Barbillon
38000 Grenoble
+33 4 76 47 01 55
www.institut-hotel.fr

Single: € 60,- (incl. tax and breakfast)

Best price for value - Logis de France standard

* Hotels

Alize

1, Rue de l'Amiral Courbet
38000 Grenoble
+33 4 76 43 12 91
hotelalize.com

Single: between € 38,- and € 48,- + € 6,- breakfast
EuroSPI Gold Member

How to become a EuroSPI Gold Member:
The observation period are the last three years. When registering the third time in a row for the annual EuroSPI conference, you will receive with the registration the EuroSPI Gold Member status.

Benefits for EuroSPI Gold Members:

- You will receive USB ventilator with the EuroSPI label.
- If you pay the full conference fee, EuroSPI will refund you EUR 100,- in cash or you will get free entrance to the social event for an additional person (e.g. someone accompanies you).*

* this option isn’t for invited people and for people with free entrance to the conference or for largely reduced registrations

EuroSPI Silver Member

How to become a EuroSPI Silver Member:
The observation period are the last three years. When registering the second time in a row for the annual EuroSPI conference (attending the EuroSPI conference two times in two years), you will receive with the registration the Silver Member status.

Benefits for EuroSPI Silver Members:

- You will receive an EuroSPI cup with the EuroSPI label.

EuroSPI Blue Member

How to become a EuroSPI Blue Member:
The observation period are the last three years. When registering once in the last three years for the annual EuroSPI conference (attending EuroSPI conferences one time in three years), you will receive with the registration the Blue Member status.

Benefits for EuroSPI Blue Members:

- You start with the benefit scheme and if you come again to the conference, the benefits for silver and gold member will be available for you.
Please complete the registration form and return it either by post or fax to:

EuroSPI’2010 Registration Office

c/o ISCN Co-Ordination Office
Florence House, 1 Florence Villas
Bray, Co. Wicklow
IRELAND

Online Registration: 2010.eurospi.net
Tel: +353 1 205 00 20
Fax: +353 1 205 00 21
E-mail: aclarke@iscn.com

Name: ____________________________________________

Company: __________________________________________

Adress: ____________________________________________

Post Code/City: ___________________________________

Telephone/Fax: ____________________________________

E-Mail: ___________________________________________

The registration fee includes documentation, lunch, refreshments and conference dinner. After 30.7.2010 no cancellation is possible, you may determine a substitute.

Early Registration by 30.07.2010  Late Registration  Select Workshop for Workshop Day:

Workshop Day

☐ € 340,-  ☐ € 390,-  ☐ WS 1 - Innovation Environments & Improvement

Conference

☐ € 750,-  ☐ € 840,-  ☐ WS 2 - Systems and Product Improvement

Conference & Workshop (combined)

☐ € 890,-  ☐ € 990,-  ☐ WS 3 - ResEUr

☐ WS 4 - SPI in SMEs

☐ WS 5 - Safety

Payment can be made by credit card or bank transfers. If you pay by credit card, please supply your credit card details below. Bank transfer should be sent to:

Bank of Ireland, Churchstreet, Greystones, Co.Wicklow, Ireland:
A/c Name ISCN Ltd. Conference, A/c No.16613282, IBAN IE70BOFI90113216613282, Sorting code: 901132,
Reference: EuroSPI’2010

☐ A bank transfer of ......................... Euro has been made to ISCN A/c No: 16613282

☐ I would like to pay ......................... Euro by credit card (VISA, Access, Master-/Eurocard ONLY accepted)

Card No.: ________________________________________  Expiry Date: ________________________________________

Signature: ________________________________________