Join a SPI Community and Exchange Experiences about Key Success Factors!

Take your Chance and Participate in Interactive Industry Workshops, and Research Sessions!

24th EuroAsiaSPI² Conference Programme

6. – 8. September 2017
at VŠB – Technical University of Ostrava
Czech Republic

2017.eurospi.net
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Welcome Address by the EuroSPI² General Chair

Richard Messnarz, General Chair

EuroSPI² is an initiative with 5 major goals (www.eurospi.net):

- Establishing an annual EuroSPI conference supported by software process improvement networks from different EU countries.
- Establishing a social media strategy with groups in LinkedIn, Facebook, Twitter and online statements an, speeches and key notes on YouTube, and a set of proceedings and recommended books.
- Establishing an effective team of national representatives (from each EU-country) growing step by step into more countries of Europe.
- Establishing a European Qualification Framework for a pool of professions related with SPI and management. This is supported by Europe-wide certification for qualifications in the SPI area, exam systems, and online training platforms (European Certification and Qualification Association, www.ecqa.org).
- Establishing a world-wide newsletter with articles from key industry and European key research associations helping to implement the SPI manifesto world-wide in cooperation with ECQA (ecqa.org).

EuroSPI² has updated its board structure starting from 2017 onwards. To address the scientific recognition by SPRINGER (annual book series since 2003), and Wiley (journal series since 2004), representatives from a set of leading universities and research networks have been established as a conference board. They also act as main editors for the various books and EU initiatives.

To address the involvement of leading industry we have extended the workshop community approach to give leadership to industry in special topics for which there are workshops around the conference. For instance, experts from Volkswagen, Continental, Robert BOSCH, SQS, Japanese Union of Engineers, etc. are leaders of workshop communities.

Some contributions published in this book have been funded with support from the European Commission.

The projects have been funded with support from the European Commission. This publication [communication] reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Join the community of cross-company learning of good practices!
Welcome from the ECQA President

Michael Reiner, ECQA, Austria

The European Certification and Qualification Association (ECQA) is a not-for-profit association that aims to unify the certification processes for various professions in Europe. It is joining together institutions and thousands of professionals from all over Europe as well as from abroad and offers the certification to participants for numerous professions. Currently, 27 professions are active and some new professions are being developed right now. ECQA services are being offered in 24 countries across Europe by 60 ECQA members. With the help of Ambassadors the ECQA is also enhancing its activities by expanding to all over the world (e.g. USA, Thailand, India, Singapore etc.).

The main objective of the ECQA is to develop and maintain a set of quality criteria and common certification rules across the different European regions. Therefore the ECQA ensures that the same knowledge is presented to participants across Europe and all participants are tested according to the same requirements. The knowledge to be provided and tested for certain professions is defined by experts from industry and research, who know best what the requirements of the market are and what the state of the art knowledge is within certain domains. These experts work in ECQA groups called Job Role Committees. The ECQA coordinates their work and provides the infrastructure and IT support.

The ECQA has developed a set of quality criteria, which are used for the certification of the following types of service providers: trainers, training organizations, exam organizations, and certification organizations. The aim is to ensure the same level of training and certification quality in all participating countries.

Michael Reiner, president of the ECQA and lecturer for Business Administration and E-Business Management at the IMC University of Applied Sciences Krems, has several years of experience in the field of IT, Microsoft Office, Microsoft NAV (ERP), Knowledge Management, Business Intelligence, Web 2.0 and social networks. Moreover Mr. Reiner is member of the Microsoft Dynamics Academics Advisory Board and participates in various EU projects.

I wish you a good time at the EuroSPI² 2017, a lot of interesting networking partners and informative meetings.

Contact: Michael Reiner, IMC University of Applied Sciences Krems, Austria, e-mail: michael.reiner@fh-krems.ac.at
EuroAsiaSPI² 2017 General Chairmen

General Chair & Workshop Chair
Richard Messnarz, ISCN, Austria
Vice President of the ECQA  www.ecqa.org – European Certification and Qualification Association

General Co-Chair
Micheal Mac an Airchinnigh, ISCN, Contact Point for Ireland

Conference Board

Rory O'Connor, Dublin City University, Ireland

Miklós Biró, Software Competence Center Hagenberg GmbH (SCCH), and Johannes Kepler Universität Linz, Austria

Ricardo Colomo-Palacios, Ostfold University, Norway

Michael Reiner, IMC FH Krems, University of Applied Sciences, Austria
President of the ECQA  www.ecqa.org – European Certification and Qualification Association

Gabriele Sauberer, TermNet, Austria
Vice President of the ECQA  www.ecqa.org – European Certification and Qualification Association

Christian Kreiner, Graz University of Technology, Austria
Workshop Community Chairs

WS 1: Gamification and Persuasive Games for Software Process Improvement, Information Technology, and Innovation Management

Rory O’Connor, Dublin City University, Ireland

Murat Yilmaz, Cankaya University, Turkey

WS 2: SPI in Industry 4.0 – The Digitalization of Design and Manufacturing

Andreas Riel, Grenoble Institute of Technology, France
Vice President of the ECQA  www.ecqa.org – European Certification and Qualification Association

Michael Reiner, IMC FH Krems, University of Applied Sciences, Austria
President of the ECQA  www.ecqa.org – European Certification and Qualification Association

WS 3: Best Practices in Implementing Traceability

Bernhard Sechser, Methodpark, Germany

Rainer Dreves, Continental, Germany

WS 4: Good and Bad Practices in Improvement

Eva Breske, Bosch Engineering GmbH, Germany

Tomas Schweigert, SQS, Germany
WS 5: Best Practices in Design of Systems applying Functional Safety, Cybersecurity, and how much Agile is Possible (with examples from Automotive Industry, Medical Device Industry)

Alexander Much, Elektrobit/Continental, Germany

Jenny Gorner, KnowIt, Sweden

Miklós Biró, Software Competence Center Hagenberg GmbH (SCCH), and Johannes Kepler Universität Linz, Austria

Richard Messnarz, ISCN, Austria/Ireland

WS 6: Experiences with Agile and Lean

Alexander Poth, VW Wolfsburg, Germany

Susumu Sasabe, JUSE, Japan

Antonia Mas, University of the Balearic Islands (UIB), Spain
**WS 7: Standards and Assessment Models**

- Gerhard Griessnig, AVL, Austria
- Klaudia Dussa-Zieger, imbus AG, Germany
- Marion Lepmets, SoftComply, Estonia
- Timo Varkoi, Fisma ry, Finland

**WS 8: Team Skills and Diversity Strategies Empowering Innovation and Improvement**

- Gabriele Sauberer, TermNet, Austria
- Mirna Munoz, University of Zacatecas, Mexico

**Chairs Honoris Causa**

The following persons have helped to form EuroSPI more than 20 years ago and have an advisory role to the chair.

- Jorn Johanson, Whitebox, Denmark
- Morten Korsaa, Whitebox, Denmark
- Risto Nevalainen, FiSMA, Finland
Some contributions published in the conference have been funded with support from the European Commission. European projects (supporting ECQA and EuroSPI) contributed to this Springer book including AQU (Automotive Quality Universe), and InnoTEACH (LET’S BE INNOVATIVE! Development of Creativity, Innovation and Entrepreneurship), and EMVOI (ISO 17024 Certification for EU Project Managers).

The SOQRATES task forces have been founded in 2003 with the support of the Bavarian SW Initiative. Leading Tier 1 in Automotive and electronics are collaborating and sharing knowledge about Automotive SPICE, Functional Safety, and recently Cybersecurity. The working group developed integrated assessment methods, functional safety training material based on best practice examples and recently we review the SAE J3061 standard for cybersecurity and map this onto Automotive SPICE to agree a catalogue of extended questions. SOQRATES members are workshop leaders at the conference.
### Programme Structure

#### Day 1

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<tr>
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<td>Workshop1 Gamify SPI</td>
<td>Workshop 6 Experiences with Agile and Lean</td>
<td>Workshop 7 Standards and Assessment Models</td>
<td>Workshop 8 Team Skills and Diversity Strategies</td>
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<td>09.00 - 16.30</td>
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<td>17.00</td>
<td>Social Event - Tatra Museum - The History of Cars and Reception</td>
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#### Day 2

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<td>Registration Opening by EuroSPI and ECQA</td>
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<tr>
<td>08.40 - 09.00</td>
<td>Key Note 1: Martin Becker, Volkswagen AG</td>
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<tr>
<td>09.00 - 10.00</td>
<td>Workshop 2 SPI in Industry 4.0</td>
<td>Research Sessions</td>
<td>Workshop 3 Best Practices in Implementing Traceability</td>
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<tr>
<td>10.00 - 14.00 (including breaks)</td>
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<tr>
<td>14.00 - 14.15</td>
<td>Welcome by Rector of VSB TUO and Dean of FEI</td>
<td>Workshop 3 Best Practices in Implementing Traceability</td>
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<tr>
<td>14.15 - 15.00</td>
<td>Key Note 2: Accessibility in ICT - a need for an ecosystem, OCG</td>
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<tr>
<td>15.00 - 18.15 (including breaks)</td>
<td>Workshop 2 SPI in Industry 4.0</td>
<td>Research Sessions</td>
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<td>19.00 - 24.00</td>
<td>Dinner Key Note 3: Petr Dolejsi, ACEA Automobile Manufacturers, Boosting competitiveness and growth, ACEA Automobile Manufacturers</td>
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<td>Research Session</td>
<td>WS5 Best Practices in Design of Systems Applying Functional Safety and Cybersecurity</td>
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<tr>
<td>15.00 - 15.15</td>
<td>Key Note 4: Czech Automotive Industry Association - emerging challenges of the Automotive industry</td>
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<td>15.45 - 16.15</td>
<td>Best paper Award and Outlook to 2018 in Bilbao, Spain</td>
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- 8 international workshops with presentations, interactive sessions, and moderation
- A set of research sessions in a sandwich position between the industry workshop sessions
- Leading key notes about the future of Automotive and IT
- Social events teaching us the culture and history of the Moravian - Silesian Region
- Networking of Leading Industry and Research!
### Programme Architecture

#### 3 Days Conference 6.9.– 8.9.2017

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- Hot thematic topics for the future in SPI
- Exchanging state of the art
- Agreeing new topics for the next years
- Key note about the future 2030 plans in Automotive and Engineering in Europe
### Programme Architecture

3 Days Conference 6.9.– 8.9.2017

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<td>WS5 Best Practices in Design of Systems Applying Functional Safety and Cybersecurity</td>
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<td>WS4 Good and Bad Practices in Improvement</td>
<td>Research Session 7: SPI and Automotive</td>
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<td>Key Note 5: Jorn Johansen, Whitebox, The Story about the Improvability Book</td>
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- Networking with experts
- Key note about the emerging challenges in Europe in Automotive and Engineering
- Best Practices and Bad Practices (not to be repeated)
- Developing new job role ideas for the European Certification and Qualification Association
- A key note story about an improvement guide
- Building a sandwich between industry and research
Conference Key Note 1

Martin Becker
Volkswagen, Leader of Software Quality, Germany

SQIL - SW Quality Improvement Leadership Program at Volkswagen
Room: C3  Chair: Dr Richard Messnarz
Thursday, 7.9.2017, 09.00 - 10.00

Abstract:
Looking through the eyes of Volkswagen - the software quality perspective

One of the biggest car makers of the world, Volkswagen knows that the future of mobility is grounded on software. That's why Volkswagen initiated 3 years ago an initiative to support his suppliers by qualifying experts for the role of SQIL (software quality improvement leader). The SQIL program is not limited to consultants but also includes multipliers like development process and quality assurance engineers from suppliers. The qualification program is based on the intacs scheme for Automotive SPICE assessors. In the SQIL workshop we share our best practices for Automotive SPICE assessments and give insights to the processes relevant for the cooperation with suppliers. Martin is one of the inventors of the SQIL idea and also member of the VDA group working on the Automotive SPICE interpretation guideline. Thus he will present the future of the SQIL programme regarding the upcoming changes inside and outside of Volkswagen.

Curriculum vitae:
Martin Becker has studied Computer Engineering in Berlin and has more than 15 years of experience in developing software-centric automotive systems at different OEMs and suppliers.
He is an intacs™ certified Principal assessor and has already performed countless assessments for the Volkswagen Group all over the world.
He has also expanded his expertise to Functional Safety and is member of the German National Body on ISO 26262.
In addition, he is also a member of the VDA working group 13 "Process Assessments", currently working on the interpretation guideline for AutomotiveSPICE v3.
After many years of assessing suppliers, since last year his attention was lead to internal development processes at the Volkswagen Group. He is now the team leader for software quality processes and methods within the quality assurance department of the Volkswagen Group.
Conference Key Note 2

Ronald Bieber & Klaus Höckner
Austrian Computer Society, Vienna, Austria & Austrian Association supporting the blind and visually impaired, Vienna, Austria

Accessibility in ICT - a need for an ecosystem
Room: C3  Chair: Gabriele Sauberer
Thursday, 7.9.2017, 14.15 - 15.00

Abstract:
On referring to the global trend of introducing Accessibility in all fields of ICT, we see the necessity to mainstream the topic of Accessibility. Principles and guidelines have to be implemented from the very beginning and all relevant stakeholders in the society have to participate to bring theses principles to education as well as to practice. We want to show how the Austrian Computer Society can contribute to this goal and and by which means we can do this.

Curriculum vitae:

Ronald Bieber is since 2011 General Secretary of the Austrian Computer Society. He studied Technical Physics at the University of Technology in Vienna. He did his PhD at one of the Joint Research Centers of the European Union. After a Postdoc position at the Rijksuniversiteit Groningen, Netherlands, he moved to project management. First he was responsible for the German branch of the ESA satellite Herschel before switching to Telecommunication and becoming project manager at Siemens for CEE projects.

Klaus Höckner, born 1966 in Austria, married (2 daughters), is member of the board of the Austrian Association Supporting the Blind and Visually Impaired (Hilfsgemeinschaft) based in Vienna. Having more than 4300 member, the Hilfsgemeinschaft is the leading organisation representing and helping visually impaired persons in Austria. Klaus has been working for more then 12 years in the field of Accessibility, especially regarding to ICT and is member of various working groups as well as participating in many conferences and projects in this context on an european and national level.
Conference Dinner Key Note 3

Petr Dolejsi
ACEA, the European Automobile Manufacturers Association

Gear 2030 - Boosting competitiveness and growth in the European Automobile Sector
Room: C3  Chair: Jakub and Svatopluk Stolfa

Abstract:
Cars of the future (ADAS – Autonomous self-driving assistant) will need to cover a number of new standards for mechatronic design and networking of the car in the cloud. This includes job roles for ISO 26262, IEC 61508 (functional safety), SAE J3061 (cybersecurity), etc. For instance, a car driving on a street will exchange information with neighbouring cars and learn the right steering angle, speed, etc. while the driver is using the car like a work place. Manufacturers plan to produce from 2030 only cars which have such a self-driving function incorporated. The design of new electric cars will require new infrastructures, new energy management, new battery concepts, and also new materials design (light eight and still resistant), and the job role pool will include these key skills as well. The production of cars will be with connected plants, robots to be programmed, and central production servers to coordinate the industry 4.0 type of production virtually across the world. And the new cybersecurity norm SAE J3061 will develop further in the next years because by moving the cars to the cloud and the production to industry 4.0 leaves Europe’s industry vulnerable to attacks if this is not handled. Also the medical systems move towards an IoT (Internet of Things) approach where people receive implants which read out the data and transport them to the mobile which forwards the data to a medical service in the cloud where data are used by states and hospitals.

The Gear 2030 initiative includes the European Automotive manufacturer association, the European Automotive supplier association, key players in Automotive education to develop the skills needed for future dependent vehicles in a complex eco system and environment as outlined in Fig1. However, Gear 2030 extends the scope with material design (in future light-weight materials are needed), energy management (new battery designs, new industry 4.0 networked production design, etc.) and so forth

Curriculum vitae:
Petr Dolejsi was born in 1977 in Prague. He has graduated PhD. in Economics and Social policy at the University of Economics in Prague, following the Masters’ degree in Economics and Regional policy. He also passed several courses and stages, including scholarship at the Universite Catholique du Louvain in Belgium. He has started his career within the public services on different, leaving the Ministry for Regional Development of the Czech Republic at the Head of Unit post to Permanent representation in Brussels in 2004. He became member of the Presidency team in 2009 chairing the Competitiveness and Growth working party of the Council. In 2010 he joined ACEA and became a Director for Mobility and Sustainable transport, with a specific focus on CO2 policy, industrial policy and alternative powertrains.
Conference Key Note 4

**Mgr. Zdeník PETZL, LL.M.**  
Czech Automotive Industry Association  
**Emerging Challenges of the Automotive Industry**  
Room: C3  Chair: Jakub and Svatopluk Stolfa

Abstract:  
Mr. Zdenik is the Secretary General of the Czech Automotive industry Association and he will give us his views on the future emerging developments that will impact future research, engineering and developments in Automotive industry. Since Automotive industry is the largest employer in Europe this will impact all future improvement and innovation initiatives and EuroSPI thematic topics.

Conference Key Note 5

**Jorn Johansen**  
Whitebox, Denmark  
**The Story of the Improvability Book**  
Room: C3  Chair: Thomas Wegner

Abstract:  
Jorn Johansen is an author of the ISO33014 – Guideline for Process Improvement. Jorn has more than 30 years industry experience and formed the company Whitebox and an Improvability Institute (before he was many years manager at DELTA) in 2015. The Improvability method helps to establish the right improvement strategy in a company and he will tell the story of the Improvability book.
EuroSPI² 2017 Workshop 1: Gamify SPI
Room 226  Chairs: Rory O’Connor and Murat Yilmaz

7.30 - 9.00  Registration

9.00 - 10.30  Deploying a gamification framework for software process improvement: preliminary results
Eduardo Herranz, Universidad Carlos III de Madrid, Spain, Ricardo Colomo Palacios, Østfold University College, Halden, Norway

ProDecAdmin: A Game Scenario Design Tool for Software Project Management Training
Alejandro Calderón, University of Cádiz, Spain, Mercedes Ruiz, University of Cádiz, Spain, Rory V. O’Connor, Dublin City University, Ireland

State of the use of Gamification Elements in Software Development Teams
Mirna Muñoz, Centro de Investigación en Matemáticas, Zacatecas, México, Luis Angel, Centro de Investigación en Matemáticas, Zacatecas, México, Jezreel Mejía, Centro de Investigación en Matemáticas, Zacatecas, México, Gloria Piedad Gasca-Hurtado, Universidad de Medellín, Colombia, María Clara Gómez-Alvarez, Universidad de Medellín, Colombia

10.30 - 11.00  Coffee Break

11.00 - 12.30  Examining a Reward Mechanisms for Effective Usage of Application Lifecycle Management Tools
Çagdas Üsfekes, Çankaya University & HAVELSAN A.S, Turkey, Murat Yilmaz, Çankaya University, Turkey, Eray Tüzün, HAVELSAN A.S, Turkey, Paul Clarke, Dublin City University, Ireland & Lero, Ireland, Rory V. O’Connor, Dublin City University, Ireland & Lero, Ireland

CHANGCE-thinking – a ludic kick-off to chance orientation
Peter Witzgall, Pl.con – Pulse of Innovation Consulting, Puchheim, Germany, Peter Kapfhammer, Pl.con – Pulse of Innovation Consulting, Puchheim, Germany, Eva-Maria Trenz, Technical University of Munich, Germany, Teresa Kiechle, Technical University of Munich, Germany, Tobias Gebler, Technical University of Munich, Germany, Adrian Indefrey, Technical University of Munich, Germany

Toward an assessment framework for gamified environments
Gloria Piedad Gasca-Hurtado, Universidad de Medellín, Colombia, María Clara Gómez-Alvarez, Universidad de Medellín, Colombia, Mirna Muñoz, Centro de Investigación en Matemáticas, Zacatecas, México, Jezreel Mejía, Centro de Investigación en Matemáticas, Zacatecas, México

12.30 - 14.00  Lunch Break
14.00 - 15.30  *Innoteach - Teaching Innovation - EU project*
Richard Messnarz, ISCN GesmbH, Austria, L. Aschbacher, ORG Grazer Schulschwestern, Austria

**A Game Toolbox for Process Improvement in Agile Teams**
A. Mesquida, University of Baleares, Spain

**Gamification and affordances: How do affordances lead to gamification in a BI system?**
Tobias Christian Fischer, Uppsala University, Sweden

15.30 - 15.45  Coffee Break

15.45 - 16.30  *Panel Discussion / Workshop*
**Future Visions of Gamification - New topics to be considered for next years**

16.30  End

17.00  Social Event - Tatra Museum - The History of Cars and Reception
### EuroSPI² 2017 Workshop Stream 2: SPI in Industry 4.0 – The Digitalization of Design and Manufacturing

**Room:** 226  **Chairs:** Andreas Riel and Michael Reiner

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| 9.00 - 10.00 | **Key Note 1:** SQIL - SW Quality Improvement Leadership Program at Volkswagen  
               Martin Becker, Volkswagen, Leader of Software Quality, Germany  
               Room: C3  Chair: R. Messnarz |
| 10.00 - 11.00| **A Design Process Approach to Strategic Production Planning for Industry 4.0**  
               Andreas Riel, Grenoble Alps University, France, Martina Flatscher, ZF Friedrichshafen AG, Germany  
               Industry 4.0 in the automotive domain as digitalization over the entire product lifecycle  
               Eric Armengaud, Christoph Sams, Georg von Falck, Georg List, AVL List GmbH, Graz, Austria, Christian Kreiner, Graz University of Technology, Graz, Austria, Andreas Riel, Grenoble Alps University, France  
               Chances for virtual and augmented reality through the supply chain  
               Sonja Hammerschmid, IMC Krems, Austria |
| 10.00 - 11.30| Coffee Break                                                                              |
| 11.30 - 12.30| **Supporting the Integration for new Security Features in Embedded Control Devices**  
               through the Digitalization of Production  
               Tobias Rauter, Johannes Iber, Michael Krisper, Christian Kreiner, Graz University of Technology, Austria  
               Mixed Realities (AR/VR) – in a need of a maturity model for implementation  
               Gerhard Kormann, IMC University of Applied Sciences, Krems, Austria, Thomas Moser, University of applied Sciences St. Pölten, Austria, Michael Reiner, IMC University of Applied Sciences, Krems, Austria  
               An Approach for Date Security in the Era of Industry 4.0,  
               Masao Itao, NIL Software Corp., Tokyo, Japan |
| 12.30 - 14.00| Lunch Break                                                                               |
14.00 - 15.00  **Key Note 2: Accessibility in ICT - a need for an ecosystem**  
Ronald Bieber & Klaus Höckner, Austrian Computer Society, Vienna, Austria & Austrian Association supporting the blind and visually impaired, Vienna, Austria  
Room: C3  Chair: G. Sauberer

15.00 - 16.30  **Panel Discussion / Workshop**  
IOT - How will this influence future production - are there any limits?

16.30 - 17.00  Coffee Break

17.00 - 18.15  **Workshop continued**

18.15  End

19.00 - 24.00  **Social Event - Ostrava, Dolni oblast Vitkovice**  
**Dinner Key Note 3: GEAR 2030 - Boosting Competitiveness and Growth**  
Petr Dolejsi, ACEA Automotive Manufacturers Association, Brussels, Belgium  
Room: Vitkovice  Chairs: J.&.S. Stolfa
EuroSPI\textsuperscript{2} 2017 Workshop Stream 3: Best Practices in Implementing Traceability
Room: 229 Chairs: Rainer Dreves and Bernhard Sechser

7.30 - 8.40 Registration
8.40 - 9.00 Opening
9.00 - 10.00 **Key Note 1: SQIL - SW Quality Improvement Leadership Program at Volkswagen**
Martin Becker, Volkswagen, Leader of Software Quality, Germany
Room: C3 Chair: R. Messnarz

10.00 - 11.00 **SoQrates AK-Traces: Traceability in Safety and Security:**
www.soqrates.de

10.00 - 11.30 Coffee Break
11.30 - 12.30 **Safety Case Traceability**
Richard Messnarz, ISCN, Austria
Integration of Process Capability Improvement, Formal Modeling and Web Technology for Traceability
Miklós Biró, Software Competence Center Hagenberg, Austria; Johannes Kepler University, Linz, Austria; Felix Kossak, Software Competence Center Hagenberg, Austria; József Klespitz, Óbuda University, Budapest, Hungary, Levente Kovács, Óbuda University, Budapest, Hungary

12.30 - 14.00 Lunch Break
14.00 - 15.00 **Key Note 2: Accessibility in ICT - a need for an ecosystem**
Ronald Bieber & Klaus Höckner, Austrian Computer Society, Vienna, Austria; Austrian Association supporting the blind and visually impaired, Vienna, Austria
Room: C3 Chair: G. Sauberer

15.00 - 16.30 **Best Practices of bi-lateral traceability implementation in Agile projects**
Chandan Shivaramu, Mumbai, India
SoQrates AK-Traces, Exemplary safety evaluation from risk to assessment
Workshop Starts: Does the thorough assessor need a first day return ticket?

16.30 - 17.00 Coffee Break
17.00 - 18.15 Workshop continued
18.15 End
19.00 - 24.00 **Dinner Key Note 3: GEAR 2030 - Boosting Competitiveness and Growth**
Petr Dolejši, ACEA Automotive Manufacturers Association, Brussels, Belgium
Room: Vitkovice Chair: J.&S. Stolfa
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<td>9.00 - 11.00</td>
<td><strong>An old new approach to SPI</strong>&lt;br&gt;Eva Breske, Bosch Engineering GmbH, Germany, Tomas Schweigert, SQS AG</td>
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<td><strong>Documentation of improvement competences - How to use the ECQA SPI Manager Job role as template for an improvement project report to document if the necessary competences are used</strong>&lt;br&gt;Jørn Johansen, Whitebox, Denmark, Karsten Kristensen Back, Roskilde Katedralskole, Denmark, Morten Korsaa, Whitebox, Denmark, Jan Pries-Heje, Roskilde University Denmark, Tomas Schweigert, SQS, Germany</td>
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<td><strong>Formulation of process improvement knowledge - 7 components of a good PI story</strong>&lt;br&gt;So NORIMATSU, Kiyoshi ENDO, Makoto USUGI, Aiichiro NIWA, Eiwa KATAYAMA, Tomohiro HASHIMOTO, Koichi TANGE, Japan Software Process Improvement Consortium (JASPIC), Toshima-ku, Tokyo, Japan</td>
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<td>11.00 - 11.30</td>
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<td>11.30 - 12.30</td>
<td><strong>Experiences with SQIL – SW Quality Improvement Leadership Approach from Volkswagen</strong>&lt;br&gt;Richard Messnarz, ISCN GesmbH, Maik Sehr, BOSCH Automotive Steering, Germany, Ingrid Wüstemann, BOSCH Automotive Steering, Germany, Joachim Humpohl, HELLA, Germany, Damjan Ekert, ISCN GesmbH</td>
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<td><strong>Panel Session started</strong></td>
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<td>12.30 - 14.00</td>
<td>Lunch Break</td>
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<tr>
<td>14.00 - 15.00</td>
<td><strong>Panel Session continued</strong>&lt;br&gt;Review of Values and Principles in the SPI Manifesto</td>
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<td>15.15 - 15.45</td>
<td><strong>Key Note 5: The Story About the Improvability Book</strong>&lt;br&gt;J. Johansen, Whitebox, J. Pries Heje, Roskilde University, Denmark&lt;br&gt;Room: C3 Chair: T. Wegner</td>
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<td>15.45 - 16.15</td>
<td><strong>Best Paper Award and Outlook to 2018 in Bilbao, Spain</strong></td>
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8.00 - 9.00 Registration

9.00 - 11.00 Continuous Transformation of System Engineering Principles into Modern Car Design – The Need for Continuous Resilience
Richard Messnarz, ISCN Austria, Alexander Much, Elektrobit, Germany, Christian Kreiner, Graz University of Technology, Austria, Miklos Biro, Software Center Hagenberg, Austria, Jenny Gorner, Knowit, Sweden

Extending Automotive SPICE 3.0 for the Use in ADAS service architectures
Richard Messnarz, ISCN Austria, Christian Kreiner, Graz University of Technology, Austria, Georg Macher, AVL List GmbH, Austria, Alastair Walker, Lorit Consultancy LTD, Scotland, UK

11.00 - 11.30 Coffee Break

11.30 - 12.30 AQUA - Knowledge Alliance for Quality in Automotive - Update and AQU - Automotive Quality Universities Program
Jakub - Stolfa, Svatopluk Stolfa, TU Ostrava, Czech Republic

Beware the ides of March - Future of (cyber)security testing
Paivi Brunou, Nixu Oyj, Finland

12.30 - 14.00 Lunch Break

14.00 - 15.00 Panel Discussion:
Changing Architectural Design Patterns based on SAE J3061 in Combination with ISO 26262

15.00 - 15.15 Key Note 4: Czech Automotive Industry Association: Actual and emerging challenges of the Automotive Industry
Room: C3 Chair: J.&S. Stolfa

15.15 - 15.45 Key Note 5: The Story About the Improvability Book
J. Johansen, Whitebox, J. Pries Heje, Roskilde University, Denmark
Room: C3 Chair: T. Wegner

15.45 - 16.15 Best Paper Award and Outlook to 2018 in Bilbao, Spain
### EuroSPI² 2017 Workshop Stream 6: Experiences with Agile and Lean

**Room:** 229  **Chairs:** **A. Poth, S. Sasabe, A. Mas**

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<td>9.00 - 10.30</td>
<td><strong>Lean and Agile Software Process Improvement - an overview and outlook</strong></td>
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<td>Alexander Poth, Volkswagen AG, Wolfsburg, Germany, Susumu Sasabe, Union of Japanese Scientists and Engineers (JUSE), Tokyo, Japan, Antònia Mas, University of the Balearic Islands, Palma de Mallorca, Spain</td>
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<td><strong>A new approach: not agile vs. traditional QM but applying the best of both</strong></td>
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<td>Mirko Drobietz, Volkswagen Group IT Services GmbH, Wolfsburg, Germany, Alexander Poth, Volkswagen AG, Wolfsburg, Germany</td>
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<td><strong>Agile development is a chance to establish automated quality procedures</strong></td>
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<td>Marc Kösling, Volkswagen AG, Wolfsburg, Germany, Alexander Poth, Volkswagen AG, Wolfsburg, Germany</td>
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<td>10.30 - 11.00</td>
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<td>11.00 - 12.30</td>
<td><strong>Integration of the 4+1 Software Safety Assurance principles with Scrum</strong></td>
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<td>Osama Doss, Leeds Beckett University, UK, Tim Kelly, University of York, UK, Tor Stålhane, Norwegian University of Science &amp; Technology, Trondheim, Norway, Børge Haugset, SINTEF ICT, Trondheim Norway, Mark Dixon, Leeds Beckett University UK</td>
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<td><strong>A Review Study on the Critical Success Factors of Agile Software Development</strong></td>
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<td>Abdullah Aldahmash, Andy M Gravell, Yvonne Howard, University Of Southampton, UK</td>
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<td><strong>Lean Layout Kaizen Case Study to Create One-Piece-Flow and Prepare for Pull Implementation in a Company Experimenting Lean Transformation</strong></td>
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<td>Marcelo Machado da Silva, Iara Tammela, Universidade Federal Fluminense, Brazil</td>
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<td>12.30 - 14.00</td>
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14.00 - 15.30  Agile Procedures of an automotive OEM – views from different business areas
Alexander Poth, Volkswagen AG, Wolfsburg, Germany, Fabian Wolf, Volkswagen AG, Wolfsburg, Germany

Using a statistical method to compare agile and waterfall processes performance
Alexssander A. Siqueira, Sheila Reinehr, Andreia Malucelli, Pontifical Catholic University of Parana (PUCPR), Curitiba, Brazil

15.30 - 15.45  Coffee Break

15.45 - 16.30  Panel Discussion / Workshop
Future Visions of Agile, Key Success Criteria, Topics for Next Year

16.30  End

17.00  Social Event - Tatra Museum - The History of Cars and Reception
Workshop 7

EuroSPI² 2017 Workshop Stream 7: Standards and Assessment Models
Room: 230 Chairs: Klaudia Dussa Zieger, Eric Armengaud and Timo Varkoi

7.30 - 9.00 Registration

9.00 - 10.30 Development of the 2nd edition of the ISO 26262
Gerhard Griessnig, AVL AG, AVL List GmbH, Austria, Adam Schnellbach, AVL List GmbH, Austria

Improvements in Functional Safety of Automotive IP through ISO 26262:2018 Part 11
Alison Young, Alastair Walker, Lorit Consultancy, Scotland, UK

Benefits of Defect Taxonomies and Validation of a new Defect Classification for Health Software
Hamsini Ketheswarasarma Rajaram, John Loane, Silvana T. MacMahon, Fergal Mc Caffery, Dundalk Institute of Technology, Ireland

10.30 - 11.00 Coffee Break

11.00 - 12.30 Using the ISO/IEC 27034 as Reference to Develop an Application Security Control Library
Alexsander A. Siqueira, Sheila Reinehr, Andreia Malucelli, Pontifical Catholic University of Parana (PUCPR), Curitiba, Brazil

Towards a model for software process assessment and improvement in the domain of global software development
Arif Ali Khan, City University of Hong Kong, Jacky Keung, City University of Hong Kong, Mahmood Niazi, City University of Hong Kong, King Fahd University of Petroleum and Minerals, Saudi Arabia

Analysis of the Requirements for The CMMI-SVC in an ISO/IEC 20000 Certified Organization
Aysegül Ünal, Rabia Burcu Karaömer, Onur Kaynak, Innova IT Solutions, Ankara, Turkey

12.30 - 14.00 Lunch Break
14.00 - 15.30  A Lightweight Software Process Assessment Approach based on MDevSPICE® for Medical Device Development Domain
Özden Özcan-Top, Fergal McCaffery, Regulated Software Research Centre & Lero Dundalk Institute of Technology, Dundalk, Ireland

The current status of the TestSPICE® project
T. Schweigert, SQS, Germany, Klaudia Dussa-Zieger, imbus AG, Germany, Mohsen Ekssir, Monique Blaschke

Towards a survival analysis of very small organisations
Xabier Larrucea, Izaskun Santamaria, Tecnalia, Bizkaia, Spain

15.30 - 15.45  Coffee Break

15.45 - 16.30  Panel Discussion / Workshop
New Standards Upcoming? Ideas for the Next Years Workshop?

16.30  End

17.00  Social Event - Tatra Museum - The History of Cars and Reception
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| 9.00 - 10.30 | **A Model to Integrate Highly Effective Teams for Software Development**  
Mirna Muñoz, Centro de Investigación en Matemáticas, Av. Universidad no 222, Zacatecas, México, Luis Angel, Centro de Investigación en Matemáticas, Av. Universidad no 222, Zacatecas, México, Jezreel Mejia, Centro de Investigación en Matemáticas, Av. Universidad no 222, Zacatecas, México, Adriana Peña, Universidad de Guadalajara, México, Nora Rangel, Universidad de Guadalajara, México, Carlos Torres, Universidad de Guadalajara, México, Gabriele Sauberer, Forum European Diversity Management, Vienna, Austria |
| 10.30 - 11.00 | Coffee Break                                                               |
| 11.00 - 12.30 | **Towards Developing a Software Process Improvement Strategy through the Application of Ethical Concepts**  
Harjinder Rahanu, Middlesex University, UK, Elli Georgiadou, Middlesex University, UK, Kerstin Siakas, Alexander Technological Educational Institute, Greece, Margaret Ross, Southampton Solent University, UK |
| 11.00 - 12.30 | **Diversity and PERMA-ntent Positive Leadership to benefit from Industry 4.0 and Kondratieff 6.0**  
Gabriele Sauberer, Forum European Diversity Management, Vienna, Austria, Andreas Riel, Grenoble Alps University, France, Richard Messnarz, ISCN, Austria |
| 11.00 - 12.30 | **Do we speak the same language? Terminology strategies for (software) engineering environments based on the elcat model - innovative terminology e-learning for the automotive industry**  
Gabriele Sauberer, TermNet, Vienna, Austria, Blanca Nájera Villar, TermNet, Vienna, Austria, Jens R. Dreßler, DieEinheit, Cologne, German, Klaus-Dirk Schmitz, Technical University of Cologne, Germany, Paul Clarke, Dublin City University, Ireland & Lero, Ireland, Rory V. O’Connor, Dublin City University, Ireland & Lero, Ireland |
| 11.00 - 12.30 | **Accessible Information and Accessibility through ICT: A mega trend creates the need for quality certificates for Web Accessibility Professionals in Europe and beyond**  
Ronald Bieber, Austrian Computer Society (OCG), Vienna, Austria, Klaus Höckner, Austrian Association supporting the blind and visually impaired, Vienna, Austria, Gabriele Sauberer, Forum European Diversity Management, Vienna, Austria |
| 11.00 - 12.30 | **Team members’ interactive styles involved in the software development process**  
Nora Rangel, Universidad de Guadalajara, Mexico, Carlos Torres1, Universidad de |
EuroSPI² 2017 Workshop Stream 8: Team Skills and Diversity Strategies
Room: 213  Chairs: G. Sauberer and M. Munoz

Guadalajara, Mexico, Adriana Peña, Universidad de Guadalajara, México, Mirna Muñoz, Centro de Investigación en Matemáticas, Av. Universidad no 222, Zacatecas, México, Jezreel Mejia, Centro de Investigación en Matemáticas, Av. Universidad no 222, Zacatecas, México, Luis Hernández, Centro de Investigación en Matemáticas, Av. Universidad no 222, Zacatecas, México

12.30 - 14.00  Lunch Break

14.00 - 15.30  Autonomous Vehicles? The Social Aspect? The Ostravian View? An Irish View?
Mícheál Mac an Airchinnigh, ISCN, Ireland

Panel Discussion / Workshop
Future Visions of Social Developments, New topics to be considered for next years

15.30 - 15.45  Coffee Break

15.45 - 16.30  Panel Discussion / Workshop
Future Visions of Social Developments, New topics to be considered for next years

16.30  End

17.00  Social Event - Tatra Museum - The History of Cars and Reception
# EuroSPI² 2017 Research Sessions (RS)

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<td>Presentation 1:</td>
<td>Towards the integration of security practices in the software implementation process of ISO/IEC 29110: A mapping</td>
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<td>Mary Sanchez-Gordon, Universidad Carlos III de Madrid, Spain, Ricardo Colomo-Palacios, Østfold University College, Halden, Norway, Alex Sanchez, LogicStudio, Panama, Antonio Amescua Seco, Universidad Carlos III de Madrid, Spain, Xabier Larrucea, Tecnalia, Bizkaia, Spain</td>
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<td>Presentation 2:</td>
<td>Incorporating innovation management practices to ISO/IEC 29110</td>
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<td>Ricardo Eito Brun, University Carlos III Madrid, Spain</td>
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<td>Exploring Software Process Variation Arising from Differences in Situational Context</td>
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<td>Paul Clarke, Dublin City University, Ireland &amp; Lero, Ireland, Rory O’Connor, Dublin City University, Ireland &amp; Lero, Ireland, David Solan, FINEOS Corporation, Ireland, Peter Elger, neafForm Limited, Ireland, Murat Yilmaz, Çankaya University, Ankara, Turkey, Adam Ennis, Dublin City University, Ireland, Mark Gerrity, Dublin City University, Ireland, Sean McGrath, Dublin City University, Ireland, Ryan Treanor, Lero, Ireland</td>
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<td>Presentation 2:</td>
<td>How to elicitate Processes for an ISO-based Integrated Risk Management Process Reference Model in IT settings?</td>
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<td>Béatrix Barafort, LIST, Luxembourg, Antoni-Lluís Mesquida, University of the Balearic Islands, Palma de Mallorca, Spain, Antònia Mas, University of the Balearic Islands, Palma de Mallorca, Spain</td>
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<td><strong>RS 3: SPI and Safety</strong></td>
<td>07.09.2017, 15.00 -16.30</td>
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<td>HMI requirements creation, as the collaboration work of human and machine in the safety-critical system</td>
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<td>Masao Ito, NIL Software Corp. Tokyo, Japan</td>
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<td>Integration of the 4+1 Software Safety Assurance principles with Scrum</td>
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<td>Osama Doss, Leeds Beckett University, UK, Tim Kelly, University of York, UK, Tor Stålhane, Norwegian University of Science &amp; Technology, Trondheim, Norway, Børge Haugset, SINTEF ICT, Trondheim Norway, Mark Dixon, Leeds Beckett University, UK</td>
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<td>Presentation 3:</td>
<td>Towards Systematic Compliance Evaluation Using Safety-oriented Process Lines and Evidence Mapping</td>
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<td>Timo Varkoi, FiSMA ry, Espoo, Finland, Timo Mäkinen, Tampere University of Technology, Pori, Finland, Barbara Gallina, Mälardalen University, Västerås, Sweden, Frank Cameron, Tampere University of Technology, Pori, Finland, Risto Nevalainen, FiSMA ry, Espoo, Finland</td>
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**EuroSPI² 2017 Research Sessions (RS)**

**RS 4: SPI and Project Management**
07.09.2017, 17.00 - 18.15  **Room 230 Chair: Murat Yilmaz**

1. **Improving Project Portfolio Management (PPM) for Improvement Projects**
   Using the ImprovAbility model together with CMMI to achieve success with improvement at Vestas Windsystems
   Jan Pries-Heje, Roskilde University, Denmark, Peter Møller Jakobsen, PMO Department, Vestas Windsystems, Aarhus, Denmark, Morten Korsaa, Whitebox, Denmark, Jørn Johansen, Whitebox, Denmark

2. **Coverage of ISO/IEC 29110 Project Management Process of Basic Profile by a Serious Game**
   Alejandro Calderón, University of Cádiz, Spain, Mercedes Ruiz, University of Cádiz, Spain, Rory V. O’Connor, Dublin City University, Ireland.

**RS 5: SPI and Implementation**
08.09.2017, 09.00 - 11.00  **Room 230 Chair: Paul Clarke**

1. **Improving Model Inspection Processes with Crowdsourcing: Findings from a Controlled Experiment**
   Dietmar Winkler, Vienna University of Technology, Austria, Marta Sabou, Vienna University of Technology, Austria, Sanja Petrovic, Vienna University of Technology, Austria, Gisele Carneiro, Fluminense Federal University, Brazil, Marcos Kalinowski, Fluminense Federal University, Brazil, Stefan Biffl, Vienna University of Technology, Austria

2. **A Metric for Evaluating Residual Complexity in Software**
   Michael Krisper, Johannes Iber, Christian Kreiner Markus Quaritsch, Martin Rexeis, Stefan Hausberger, Graz University of Technology, Graz, Austria

3. **About the Potential of Self-Adaptive Software Systems in Industrial Control Systems**
   Tobias Rauter, Johannes Iber, Michael Krisper, Christian Kreiner, Graz University of Technology, Austria

4. **Towards increased efficiency and confidence in process compliance**
   Julieth Patricia Castellanos Ardila and Barbara Gallina, IDT, Mälardalen University Västerås Sweden
EuroSPI² 2017 Research Sessions (RS)

**RS 6: SPI Issues**  
08.09.2017, 11.30 - 12.30  
**Room 230 Chair: Miklos Biro**

**Presentation 1:**  
*Systematic Literature Reviews of Software Process Improvement: A Tertiary Study*  
Arif Ali Khan, City University of Hong Kong, Jacky Keung, City University of Hong Kong, Mahmood Niazi, King Fahd University of Petroleum and Minerals, Saudi Arabia

**Presentation 2:**  
*Overcoming public speaking anxiety of Software engineers using virtual reality exposure therapy*  
Merve Decizci Nazligul, Cankaya University, Turkey, Murat Yilmaz, Cankaya University Turkey, Ulas Bulec, Cankaya University, Turkey, Mert Ali Gozcu, Cankaya University, Turkey, Rory C. O’Connor, Dublin City University Ireland, P. Clarke, Dublin City University, Ireland.

**RS 7: SPI and Automotive**  
08.09.2017, 14.00 - 15.00  
**Room 230 Chair: Michael Reiner**

**Presentation 1:**  
*Towards Dependability Engineering of Cooperative Automotive Cyber-Physical Systems*  
Georg Macher, AVL List GmbH, Austria, Eric Armengaud, AVL List GmbH, Austria, Eugen Brenner, Graz University of Technology, Austria, Christian Kreiner, Graz University of Technology, Austria

**Presentation 2:**  
*An analysis of the commonality and differences between ASPICE and ISO26262 in the context of software development*  
Pedro Oliveira, CCG-Centro de Computação Gráfica, Guimarães, Portugal & Universidade do Minho, Guimarães, Portugal, André L. Ferreira, Bosch Car Multimedia S.A. Braga, Portugal, Daniel Dias, CCG-Centro de Computação Gráfica, Guimarães, Portugal & Universidade do Minho, Guimarães, Portugal, Tiago Pereira, CCG-Centro de Computação Gráfica, Guimarães, Portugal & Universidade do Minho, Guimarães, Portugal, Paula Monteiro, CCG-Centro
Explore the History of TATRA Cars and Trucks!

In the evening of the first workshop day the reception will be in the TATRA museum in Koprivnice (it is 30km far from Ostrava). The workshops on 6.9.2017 will end at 16.30 and the buses leave at 17.00 from the conference location.

Attendees will receive the famous Radegast beer and some snacks as well. The wizzard (Slavic god Radegast) of the region is according to myths "Radegast". He loves the nature and woods and is very similar to Radagast which is the wizzard in the Tolkien books "The Hobbit" and "Lord of the Rings". There is a Radegast beer in the region and we will organise Radegast beer for the attendees. And Radegast was proclaimed as the Slavic god of hospitality” and therefore all are welcome for tasting Radegast beer.

Learn about the myths and culture of the Moravian - Silesian region in Czech Republic.
Learn about the history of the cars. Get a taste of where car industry started.
Become part of the history and feel it.
Social Event at the Second Day (6.9.2017, 19.00) - Feel the history of the Industrial Revolution!

Explore the 19th Century Industrial Revolution!

Experience the industry heart of Ostrava from 19th and 20th century Lower Vitkovice (Czech: Dolní oblast Vitkovice). Lower Vitkovice is a national site of industrial heritage located in the Vitkovice district of Ostrava in the Czech Republic. It includes an extensive industrial area Vitkovice ironworks with a unique collection of industrial architecture. A set of three successive parts - coal mine, coke ovens and blast furnace operations. The Vitkovice area is registered in the list of European cultural heritage and was placed on the Czech Republic's list of tentative UNESCO World Heritage Sites in 2001 under the name The Industrial Complexes at Ostrava.

The social event will take place directly in the Lower Vitkovice area. You will get the feeling of hard work in coke ovens and blast furnace during a tour around this magnificent industrial place that will end up on the top of the furnace in Bolt Tower cafe where you can enjoy the view of the historical and also current industrial part Ostrava and surroundings.

Czech beer, food and dance!

After the tour you will have an opportunity to taste the famous Czech beer together with your fellow business and research partners and enjoy the Czech traditional food and dance.

Feel the inner parts of a steelmaking furnace
Visit the platform and learn about industrial history
Learn to dance the Moravian - Silesian style
VSB - TUO - Technical University of Ostrava

VSB - Technical University of Ostrava has long tradition in high quality engineering. It provides tertiary education in technical and economic sciences across a wide range of study programmes and courses at the Bachelor’s, Master’s and Doctoral level. Major car and engineering industry is located in the Ostrava region.
All rooms or the conference (nos. 213, 226, 229, 230 as well as the hall C3) are located on the 2nd floor. There are stairs and a lift leading up to the second floor.
Travel

Ostrava is easy to reach

Route Proposal 1 - Flying to Prague and change over to Ostrava with Czech airlines

Prague has a well connected airport and is a world heritage city. You can book e.g. a ticket from a European city (e.g. Madrid, Dublin,Paris,Lyon, Frankfurt, etc.) to Ostrava and the plane would fly first to Prague and have a connecting flight to Ostrava. Connecting flights to Ostrava can be found at the Czech airlines web site. There are 2 flights per day, flight time is one hour, cost is around 70 to 100 EUR for one direction.
In this case the advantage is that when flying back on an evening to Prague you could stay one night in Prague as well and enjoy the enormous spirit and beauty of that city.

Route Proposal 2 - Flying to Vienna and take the bus at the airport (served 3 times per day)

Vienna has a well connected airport and is also a world heritage city. You can book e.g. a ticket from a European city (e.g. Madrid, Dublin,Paris,Lyon, Frankfurt, etc.) to Vienna and from Vienna there is a bus from Vienna airport to the city of Ostrava.
The bus is in front of the airport and is served by the line called Tiger Express.eu. The bus leaves at 9.55, 18.10, 20.10 and directly goes to Ostrava. The price is ca. 15 EUR for one direction.
In this case the advantage is that when taking a bus back on an evening to Vienna you could stay one night in Vienna as well and enjoy the enormous spirit and beauty of that city.

Route Proposal 3 - Flying to Krakow in Poland and take the bus at the airport (served 5 times per day)

Krakow has a well connected airport and is also a world heritage city. You can book e.g. a ticket from a European city (e.g. Madrid, Dublin,Paris,Lyon, Frankfurt, etc.) to Krakow and from Krakow there is a bus from Krakow airport to the city of Ostrava.
The bus is in front of the airport and is served by the line called Tiger Express.eu. The bus leaves at 7.10, 10.55, 13.00, 15.35, 19.35, 22.50 and directly goes to Ostrava. The price is ca. 17 EUR for one direction.

Information about train connections

There are several train connections during the day, earliest departure from Prague at about 5.44 o’clock, last departure from 23.09 o’clock. The travel takes 3 hours or 3 hours and 20 minutes. The ticket costs ca. 27-35 Euro. Please consult the timetables at the Czech Railway for trains from Prague to Ostrava.
There are train connections from Vienna airport to Ostrava, trains leaving at 10.33 and 13.33 using the Austrian railjets.

Accommodation

We recommend to use for booking a room and reservation the pages of the Ostrava city portal: http://www.ostrava.cz/en/turista/sluzby/ubytovani-en/ubytovani

VISA Requirements:

Please ask your embassy, if you need a visa. In case you need one please contact local organiser Svatopluk Stolfa, svatopluk.stolfa@scoveco.com. He will organize that the VSB - TUO as the local Czech partner will send an invitation letter which you must present to your embassy. An invitation letter presumes that you have registered and paid for the conference.
EuroSPI 2017 Contacts

**EuroAsiaSPI² 2017 Registration Office**

I.S.C.N. GmbH  
EuroSPI² 2017 Registration Office  
Schieszstattgasse 4/2  
8010 GRAZ, AUSTRIA  

**Your Contact Person:**

Eva Christof

tel: +43 316 81 11 98  
fax: 43 316 23 11 00 062  
email: echristof@iscn.com

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**EuroAsiaSPI² 2017 Local Organiser Office**

VSB-TUO - Technical University of Ostrava  
EuroSPI² 2017 Local Organisation Office  
17. listopadu 15/2172  
708 33 Ostrava - Poruba  
Czech Republic

**Your Contact Person:**

Svatopluk Stolfa  
email: svatopluk.stolfa@vsb.cz

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**EuroAsiaSPI² 2017 General Chair**

Dr Richard Messnarz  
tel: +43 664 210 6416  
fax: 43 316 23 11 00 062  
email: rmess@iscn.com
Please complete the registration form and return it either by post or fax to:

EuroSPI\(^2\) 2017 Registration Office
Steiermärkische Sparkasse, Hauptplatz 1, A-8010 Graz, Austria

Name: ____________________________________________________________________________

Company: ____________________________________________________________________________

Adress: ____________________________________________________________________________

Post Code/City: ____________________________________________________________________________

Telephone/Fax: ____________________________________________________________________________

E-Mail: ____________________________________________________________________________

The registration fee includes documentation, lunch, refreshments and conference dinner. After 31.07.2017 no cancellation is possible, you may determine a substitute.

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<th>Early Registration until 31.07.2017</th>
<th>Late Registration after 31.07.2017</th>
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<tbody>
<tr>
<td>Single Conference Day</td>
<td>€ 350,-</td>
<td>€ 390,-</td>
</tr>
<tr>
<td>2 Conference Days</td>
<td>€ 700,-</td>
<td>€ 750,-</td>
</tr>
<tr>
<td>All 3 Conference Days</td>
<td>€ 900,-</td>
<td>€ 990,-</td>
</tr>
<tr>
<td>PhD students (3 Days)</td>
<td>€ 450,-</td>
<td>€ 450,-</td>
</tr>
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Special offer: “3 for 2”: If 3 conference participants from the same organisation attend the EuroSPI\(^2\) 2017 conference, the 3. will get free conference entrance.**

Payment can be made by credit card or bank transfers. If you pay by credit card, please use the online registration where our software is interfacing Paypal, Mastercard, or VISA. Bank transfer should be sent to:
Steiermärkische Sparkasse, Hauptplatz 1, A-8010 Graz, Austria
A/c Name: ISCN GmbH, Bank: Steiermärkische Sparkasse, IBAN : AT122081500040794240, Swift/BIC: STSPAT2G
Sorting code: 20815, Reference: EuroSPI 2017, VAT: ATU 53302901

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