32nd EuroSPI Conference

EuroSPI² 2025 (17 - 19 September 2025) is organised a **hybrid event (online and onsite)** and will have 8 thematic topic areas, 4 streams, 54 presentations, 9 international keynote speeches. Each thematic stream integrates both, research sessions and industry / applied science sessions. The thematic streams will be a mix of pitch talks provoking discussions, full presentations and panel discussions which will focus on specific questions of interest. In 2024 EuroSPI became **a full partner conference of ASA, the Automotive Skillls Alliance in Europe.**

Newsflash *Early Registration till 9th August 2025*

Conference Program

- 10 international thematic streams in 3 days addressing hot topics
- Research and Industry combined in each thematic stream
- international key notes
- 50+ pitches or presentations from leading industry and leading research institutes
- Social Events in Munich, Germany

Read More

Registration

- You can participate online and onsite, online participation has a reduced fee.
- You may book one day, two days or all 3 days and select the preferred workshop streams of the day.
- The registration includes proceedings, coffee breaks, lunch, and social event.
- Pay with Mastercard, VISA and Paypal.
- Don't miss early registration!

Go to Registration

Paper Submission

Research papers and **Thematic Industry/ Applied Science** papers shall be 8-12 pages, and address the topics in the call. Extended papers will be invited for submission to cooperating journals. WILEY Journal of Software: Evolution and Process (Best Practices) and additional journals publishing selected aticles.

Read More

Location

Riga Technical University (https://www.rtu.lv/en)
RTU Conference Center
Ķīpsalas iela 6A, Kurzemes rajons
1048 Riga
Latvia

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Call for Research and Thematic Papers (Workshop Papers)

EuroSPI² 2025 (17 - 19 September 2025) will have 10 international thematic workshop streams supported by thematic topic communities. Each thematic stream integrates both, research sessions and industry / applied science sessions. The thematic streams will be a mix of pitch talks provoking discussions, full presentations and panel discussions which will focus on specific questions of interest. This year you can also submit papers to the partnering co-event of ICSSP.

For the **CALL FOR PAPERS** click here...

For the **PAPER SUBMISSION** page click here...

Remember the Submission DEADLINE: 11 April 2025!

EuroSPI Publishers

SPRINGER publishes a book series with EuroSPI since 2003 and there were more than 1,4 million chapter downloads so far. The latest SPRINGER online-book is available here!
WILEY publishes an annual EuroSPI volume with 10 selected experience papers in the Wiley Journal of SW Evolution and Process Series. For the 20th anniversary, in 2013, Wiley has created an entry page for EuroSPI as a library.

Extended papers can be submitted to cooperating journals, with a separate call at the web site.

read more...

EUROSPI Social Media & Networking

EuroSPI has a tradition of social events which introduce attendees to the history, culture and food of the region hosting the event. Impressions, videos and photos of the last years can be viewed on our website and on YouTube.

Click here to view last years photos.

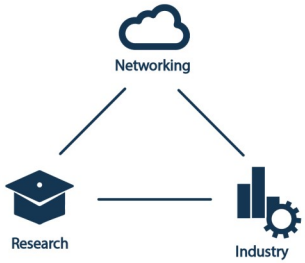
YouTube: https://www.youtube.com/@EuroSPI/videos

Instagram: https://www.instagram.com/eurospi/

Top Reasons for Attending EuroPI² 2025

1 Published Papers

If accepted, your paper will be published in the Springer CCIS Series (research papers and industry / applied science papers). Selected extended papers will be published in the Wiley Journal of Software: Evolution and Process Series (selected experience papers). Presentations are published in a NID Net-Interactive-Document Service.



2 EuroSPI is a Full Partner Conference of ASA

EuroSPI² signed a full partner agreement with ASA, the Automotive Skills Alliance in Europe. ASA is managing European Blueprint project like TRIREME to establish a triad map of skills which support the European automotive industry to stay competitive in the future.

3 Highly Recognized Key Notes

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

4 Paper Awards

Together with the LERO (Irish SW research center) a Prof. Rory O Connor best paper award is given annually, with a price of 500 Euro.

5 Present, Discuss and Publish

EuroSPI² opens you a chance to present, discuss and publish new approaches for process improvement and innovation.

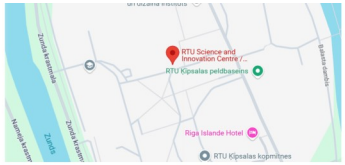
6 Networking Opportunities and Business & Research Partners Gathering

EuroSPI² attracts both the research and the industry community and offers a networking opportunity where researcher meet industry and vice versa. This facilitates the implementation of new ideas. You can meet business and research partners in an open social space at the EuroSPI² social event.

7 INTACS and VDA Recognized Event

INTACS and the German Automotive Association (VDA) recognize conference participation for the collection of experience evidences for ISO 15504 Assessors.

Emerging New Approaches to SW Engineering -
E-Mobility & Digitilisation -
SPI Manifesto - Functional Safety - Cybersecurity -
Agile & Lean - Standards & Assessments - Team Skills and Diversity - Innovation - Sustainability - AI, Big Data - IT Systems, and Standards -
New Ideas and Proposals



RTU Science and Innovation Centre, Riga, Latvia

Link: Google Link

EuroSPI Certificates & Services GesmbH
EuroAsiaSPI² 2024 Registration Office
Email: rmess@iscn.com
Karl-Morre-Straße 86/6
8020 Graz
AUSTRIA

Local contact information »

Newsflash *The EuroSPI 2025 Paper Submission Deadline: 11 April 2025 - Extended to 30 April 2025*

Conference Programme

The 2025 conference program is now published. See the structure below!

Please be aware that the conference times are in local Latvian time. This means CET+1 and GMT+2 hours. So when the conference starts at 8.40 on Wednesday, it is 7.40 in Germany and 6.40 in UK. Please consider this.

EuroSPI² 2025 (17 - 19 September 2025) has 8 international thematic workshop streams supported by thematic topic communities and 9 international key notes. Each thematic stream integrates both, research sessions and industry / applied science sessions. The thematic streams are a mix of talks provoking discussions, full presentations and panel discussions which focus on specific questions of interest. In addition there is a half day about new research and industry project and funding proposal ideas. Some streams run longer than one day depending on the size of the community and contributions.

Each thematic workshop covers specific thematic topics and **mixes research and industry presentations/discussions on that specific topic.**

Note: ICSSP 2024 was held together with EuroSPI 2024. According to their feedback this cooperation went well. However, the ISSPA decided to re-focus their interest in more social and societal impact topics from 2025 on-wards so that they discontinue with the cooperation in conferences. Those who attended from ICSSP community in2024 are welcome to participate, and we hope for a continuing good relationship with ISSPA in the years to come.

Hybrid Event (Online and Onsite Participation Possible)

The conference is since 2020 organised as a hybrid event. Using advanced technology with Teams sessions, cameras, micros, sound boxes and technical administration, plus all presentations in a Moodle portal, for all 4 parallel rooms, lively interactions (communication between online and onsite) is established. One the of leading industry attendees stated : "From all conferences using this new technology, you were the best!".

Associated Technology Day - Pre-Conference Event (15 September 2025)

The associated technology day is a half day online event on 8 September 2025, with key note speakers presenting most recent developments. It can be attended free of cost. A link to the online conference will be published and the access to the presentations and discussions will be free. There are **key note presentations** and content based **webinar sessions**. Key note sessions are from leading industry or experts, and webinar sessions are presenting first and then using tools to which attendees can access in a gamified scenario. **This pre-conference event on 15 September 2025 is free of cost.**

See the technology day page.

The EuroSPI 2025 Program

The conference has 4 parallel streams. Each stream contains a mix of research and industry/applied science papers/presentations. Also each stream contains a mix of pitch talks (show key message and discuss) and full presentations. Also there will be one new session about high maturity organisations. The future conference strategy of EuroSPI² is to gather core topics and build communities around the core thematic topics. Leading industry and research lead the thematic topic streams.

Also EuroSPI² continuously builds the SPI strategy and understanding in Europe and the world and continues to promote and develop the SPI Manifesto.

Attendees can book single days, any combination of 2 days, or all 3 days.

You can access the Room Plan of the Riga Technical University campus. You can download the EuroSPI 2025 sessions and workshop assignment of rooms

17.09.2025				
08.00 - 08.40	Registration			
08.40 - 09.15	Room: Moon Opening by Riga Technical University, Vice rector for Science Dr Maira Indrikova EuroSPI Chair, Dr Richard Messnarz, Automotive Skills Alliance, Dr Jakub Stolfa, ASA Director, iNTACS, Lars Dittmann, INTACS Director, Samer Sameh, EuroSPI Chair for ASA Cooperation			
09.30 - 10.30	Workshop -Moon: Norms-Assessments-ASPICE-Standards	Workshop -247: Emerging and Multidisciplinary Approaches to Software Engineering	Workshop - 254: Innovation - New Business Models	Workshop -256: Sustainability and Life Cycle Challenges
10.30 - 11.00	Room: Catering Area and Exhibition Space Coffee Break			
11.00 - 12.00	Workshop -Moon: Norms-Assessments-ASPICE-Standards	Workshop -247: Emerging and Multidisciplinary Approaches to Software Engineering	Workshop -254: Innovation - New Business Models	Workshop -256: Sustainability and Life Cycle Challenges
12.00 - 13.30	Room: Catering Area Exhibition Space Lunch Break			
13.30 - 14.15	Room: Moon Key Note 1:Human as the Measure: Standards, Ergonomics and Human-Centered Design for Sustainable Innovation, Prof.Dr.sc.ing. Inga DABOLINA, Riga Technical University, Latvia			
14.15 - 14.30	Room: Catering Area Exhibition Space Move to the rooms			
14.30 - 16.00	Workshop -Moon: Norms-Assessments-ASPICE-Standards	Workshop -247: Emerging and Multidisciplinary Approaches	Workshop -254: Innovation - New Business Models	Workshop -256: Sustainability and Life Cycle Challenges

	to Software Engineering			
16.00 - 16.30	Room: Catering Area and Exhibition Space Coffee Break			
16.30 - 17.15	Room: Moon Key Note 2:Which Three Laws? ... Human Flourishing in an Algorithmic Society, Taz Daughtry, USA			
17.15 - 18.00	Room: Moon Key Note 3:The AI Evolution: Transforming Process Improvement, Compliance, and Culture in the age of AI, Peter Pedross, Founder and Director, PEDCO AG, Switzerland			
18.30-19.30	**Riga historic city center is 20 minutes walking distance** - Walking or taking tram to the event location			
19.30 - 22.00	Riga is famous for barbecues and old restaurants like the Rozengrals The social event location will take place at the famous Rozengrals. Have a nice typical Riga food in a typical Riga atmosphere!			
	18.09.2025			
08.00 - 09.00	Registration			
09.00 - 09.45	Room: Moon Key Note 4: ASA Automotive Skills Alliance - First Results of the TRIREME (2024 - 2027) Project and Outlook, Jakub Stolfa, President of the ASA			
09.45 - 10.30	Room: Moon Key Note 5: Enhancing Software Maturity Management through AI Infused by the TRIREME Approach, Flavia Elena, Andreas Gasch Povirnaru Cariad Technology, Germany			
10.30 - 11.00	Room: Catering Area and Exhibition Space Coffee Break			
11.00 - 12.00	Workshop -Moon: Norms-Assessments-ASPICE-Standards	Workshop -247: High Maturity Organisation - New Workshop Series	Workshop -254: Functional Safety/Cybersecurity/SOTIF	Workshop -256: E-Mobility-Digitilisation-EU Blueprints
12.00 - 13.30	Room: Catering Area and Exhibition Space Lunch Break			
13.30 - 14.15	Room: Plenary Key Note 6: The intacs® certification scheme - status and outlook, Lars Dittmann, iNTACS e.V. Vice President and Managing Director, INTACS, Berlin, Germany			
14.30 - 16.00	Workshop -Moon: Norms-Assessments-ASPICE-Standards	Workshop -247: High Maturity Organisation - New Workshop Series	Workshop -254: Functional Safety/Cybersecurity/SOTIF	Workshop -256: E-Mobility-Digitilisation-EU Blueprints
16.15 - 17.00	Room: Moon Key Note 7: Bridging European, Chinese & African Automotive Quality Standards - Influenced by Civilization History, Menna Noureldin, and Samer Sameh, VALEO, Egypt			
till 19.00	**Riga historic city center is 20 minutes walking distance** - Walking or taking tram to the event location How to: From the conference location walking 800 m (8 min.) to the tram Kipsala station, taking eith bus 5,12,25 or tram 37,53 to cross the bridge, leaving at station National Theatre (Latvian: Nacionalais Tearis), and walking 400 m (5 min.) to the Riga Small Guild Building.			
19.00-23.30	19.00 - 19.30 Arrival at the Small Guild 19.30 - 20.15 Classical Music Event in the Small Guild House The Small Guild (Latvian: Maza gilde) is a building situated in Riga, Latvia, at 3/5 Amatu Street. The building was erected in the years 1864—66 after a project by architect Johann Felsko in Neo-Gothic style. Karol Danis and Anton Bashynskyi are exceptional musicians who play classical music at EuroSPI social events since 2021 and have both won a number of international prizes. See the profile of Karol Danis and of Anton Bashynskyi. This year Anton Bashynskyi and a further prize winning classical musician will play piano for us.			

20.30 - 23.30 Buffet at the Small Guild

19.09.2024

08.00 - 09.00	Registration			
09.00 - 11.00	Workshop -256: Experiences with Agile and Lean	Workshop -247: Emerging and Multidisciplinary Approaches to Software Engineering	Workshop -254: Functional Safety/Cybersecurity/SOTIF	Workshop -Moon: E-Mobility-Digitilisation-EU Blueprints
11.15 - 12.00	Room: Moon Key Note 8: A Multi-Level Approach to TARA: Attack Feasibility in Interference-Free Scenarios and the Trusted Zones Approach , Dr Thomas Liedtke SYNSPACE, Dr Richard Messnarz, ISCN			
12.00 - 13.00	Room: Catering Area and Exhibition Space Shorter Lunch Break			
13.15 - 14.00	Room: Moon Key Note 9: What is ASQMS and Open Discussion for Cooperation with Other Schema, Dr Wolfgang Wagner, ASQMS Germany GmbH			
14.00 - 14.30	Room: Moon Plenary: An outlook to the future EuroSPI Conference, Academy, Certificates and Service Eco-System and the Innovation Agent working group in ASA - A Vision of Future Cooperation, Dr Richard Messnarz, sharing a vision, EuroSPI			
14.45 - 15.15	Rory O Connor Paper Award and Best Paper Award together with USA partnership.			

Newsflash *The EuroSPI 2025 Paper Submission Deadline: 11 April 2025 - Extended to 30 April 2025*

EuroSPI² 2025 Key Notes

Human as the Measure: Standards, Ergonomics and Human-Centered Design for Sustainable Innovation

Abstract: At the core of process improvement lies the principle that “man is the measure of all things.” This perspective is fundamental to human-centered design, where ergonomics, usability, and safety drive innovation as much as technical performance. Placing the human being at the center of evaluation ensures that processes and products evolve not only toward efficiency but also toward meaningful impact on everyday life.

In this context, human-centered testing plays a pivotal role:

Standards with the human as reference → Implementing ISO/IEC/EN norms that explicitly connect product performance to protection, usability, and safety.
Anthropometry-based testing → Using human body measurements or human body 3D scans to ensure fit of protective equipment, clothing, products and systems.
Ergonomic performance tests → Evaluating how solutions affect comfort, mobility, fatigue, or safety under realistic conditions.
Microclimate and thermal comfort tests → Applying moisture, thermal and sweating simulation equipment and manikins, to replicate how the body interacts with environments.
Feedback loops for improvement → Feeding results from human-centered tests back into software, system, and material development cycles, in line with the SPI mindset.

Traditional SPI frameworks such as CMMI or ASPICE emphasize process maturity in software development. Extending these frameworks with human-centered principles highlights how measurement, assessment, and validation processes are equally critical in domains where human interaction, ergonomics, and sustainability are decisive. It fosters not only technically robust results, but also solutions that are ergonomic, safe, and sustainable in real-world applications..

Prof.Dr.sc.ing. Inga DABOLINA
Riga Technical University, Latvia

Prof.Dr.sc.ing. Inga DABOLINA She is Head of Research Laboratory, Accredited Personal Protective Equipment Laboratory, Faculty of Civil and Mechanical Engineering at Riga Technical University. From 2016-2019, I.Dabolina was the scientific director and lead researcher in the international project Smart and Safe Workwear (Interreg BSR project SWW, #R006), one of the main tasks of which was the development of functional clothing, her work addressed the development of smart clothing and the integration of electrical technologies into clothing. I.Dabolina is involved in the Fit subgroup of the standardization commission IEEE 3DBody Processing, and has been a member of the IEEE association since 2021. Since 2020,she has been the head of the Ergonomics Electrotechnology Scientific Laboratory, where ergonomic problems are solved using modern anthropometry and specialized instruments. Since the spring of 2020, she has been actively involved in the development and research of personal protective equipment, currently a specialized PPE testing laboratory has been established under the leadership of her. She has been involved as an external industry expert in the structures of the Ministry of the Interior and the Ministry of Defense since 2004.

Which Three Laws? … Human Flourishing in an Algorithmic Society

Abstract: Isaac Asimov, over eighty years ago, framed his fiction within the hierarchical constraints that a robot may not harm a human, must obey human orders, and must protect its own existence. More recently, many technologists have sought to build such regulatory laws into real-world autonomous systems. However, we must realize that the underlying behavior of any system depends on the behavior of the humans who design, implement, operate, monitor, and maintain such systems. Let us consider instead a sort of humane "three laws" based on the attributes of integrity, empathy, and creativity. The reliability of a given safety- or security- critical system can be seen as fundamentally constrained by the principles of relevant individuals and groups. Technologies cannot perform consistently without human integrity. They cannot be truly beneficial without human empathy. And they cannot meet new challenges without human creativity.
Engineering education and practice must weave these commitments into the very fabric of the profession. I would like to offer some insights into why and how this may be done.

Taz Daughtrey
CV at XLR8 Academy

CV: Taz Daughtrey Taz Daughtrey's business and academic career has focused on software engineering, systems reliability, and cybersecurity.
Taz Daughtrey recently retired as head of the cybersecurity education program at Central Virginia Community College in Lynchburg, Virginia. He continues as Director of the Association for Testing and Software Quality Assurance. Daughtrey is a Fellow of the American Society for Quality and the Founding Editor of its peer-reviewed journal Software Quality Professional.

Taz served for five years as chair of the working group drafting the IEEE Standard for Software Safety. He has been actively involved in developing IEEE Computer Society and ISO standards on topics such as software testing and the planning of verification and validation. In different industry settings, he directed ISO-audited quality management and information security management systems.

Taz was previously a member of the Computer Science faculty at James Madison University and has over 30 years of involvement in designing, conducting, and evaluating critical software-dependent systems. He has led workshops and provided consulting on a variety of software quality assurance topics across North America, Europe, and Japan. Taz has edited two volumes of Fundamental Concepts for the Software Quality Engineer published by ASQ Quality Press.

Taz previous experience in industry included roles in software development, training, and quality improvement in manufacturing and engineering for both commercial and naval nuclear power applications. He has also served as Quality Manager and Chief Security Officer in the medical device industry.

He has been a long-time leader in developing standards for the IEEE Computer Society and certifications for the International Software Testing Qualifications Board.
A Fellow of the American Society for Quality and the Founding Editor of its peer-reviewed journal Software Quality Professional, Taz has edited or contributed to numerous books and publications.
He is proud of his long collaboration with EuroSPI and is delighted to have the opportunity again to participate in another of its events.

ASA Automotive Skills Alliance - First Results of the TRIREME (2024 - 2027) Project and Outlook

Abstract: The ASA (Automotive Skills Alliance DRIVES) has been formed by end of 2021 as a result of the EU Blueprint project DRIVES integrating different automotive associations and members of blueprint projects for automtive to build an upskilling strategy and platform for the automotive sector.

The FLAMENCO project (2023 - 2024) developed a service infrastructure for Europe throigh the ASA with various active , as the blueprint for sectorworking groups such as cooperatios with networks in IT/SW, chip production and packaging (EuroSPI, SIITME), hydrogen forum, innovation agent task force etc.

TRIREME, as the blueprint for sectorial skills collaboration in automotive (2024 - 2027) , developed first key skills, re-evaluated the skills for the skills required for a more resilient European automotive industry, and developed first training in the EU wide skills hub (e.g. using ISO 560xx innovation management system norm, strategic intelligence with AI). The first outcomes of the intelligence reports will be presented, giving a direction for automotive in these challenging times.
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 Reginal policy. He also passed several courses and stages, including scholarhip at the Universite Cathollique 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

Dr Jakub Stolfa is the president of the Automotive Skills Alliance & Program Manager and Assistant Professor at VSB - Technical University of Ostrava. Jakub has been coordinator of the EU Blueprint projects DRIVES (2018-2023), FLAMENCO (2023-2024), and TRIREME (2024-2027).

Peter Dolejsi
ACEA, the European Automobile Manufacturers Association

Jakub Stolfa
President of the ASA, the Automotive Skills Alliance

Enhancing Software Maturity Management through AI Infused by the TRIREME Approach

Abstract:

With the advancements in Artificial Intelligence (AI), new opportunities emerge for automating and enhancing the analysis of software maturity. AI-driven tools can process large volumes of data, identify patterns, and provide insights into software evolution. However, before determining whether AI can reliably evaluate software maturity, it is essential to understand how maturity has traditionally been defined and assessed.

This paper explores the foundations of software maturity, examines existing methodologies, and investigates the potential of AI-driven solutions in providing trustworthy feedback. An additional focus of this work is the potential reuse of the TRIREME approach, investigating its adaptability to broader domains within software engineering. To assess the real-world applicability of the proposed method, practical use cases are used for verification and validation purposes. The approach aims to support scalable, unbiased, and interpretable analyses—offering a consistent and replicable framework for software maturity analysis.

Flavia Elena Povirnaru has a master degree from the Politehnica University of Timisoara, is an Automotive SPICE Assessor, and is in Cariad Technology responsible for establishing the Quality Assurance Strategy and planning of Quality Assurance activities in the context of E3 2.0 ADAS/AD Parking Function Bundle. She is coaching and supporting the teams to achieve the project goals. She is an active member of the SOQRATES working group in which Tier 1 and OEMs cooperate on best practices, and cooperates with the TRIREME/ASA innovation agent task force using AI best practices.

Andreas Gasch is an Automotive SPICE Principal Assessor and Quality Assurance Lead E3 NextGen Platform Head of CoC Quality ADAS/AD in Caraid Technology of Volkswagen AG. He has done more than 60 assessments and has from previous work experiences with System Architecture Safety & Cybersecurity, Quality Management (Elektrobit), Systems Engineer at Airbus Defense and Space.

Flavia Elena Povirnaru Cariad Technology, Germany

Andreas Gasch Cariad Technology, Germany

The intacs® certification scheme - status and outlook

Abstract: The iNTACS e.V. association was founded in 2006. For 20 years now, the association has been operating the intacs® certification scheme, which is recognized internationally and by the automotive industry. This presentation will describe the path of the successful certification scheme, show the current status and provide an outlook for future developments. The focus is on the question of how the intacs® certification scheme can continue to support the community in mastering the development of complex and networked systems in the future.

Lars Dittmann is iNTACS e.V. Vice President and Managing Director. He was spokesman of HIS working group and leader of VDA AK13. He has experience in various automotive OEM areas has done more than 50 assessments.

Lars Dittmann,
iNTACS e.V. Vice President and Managing Director,
INTACS, Berlin, Germany

A Multi-Level Approach to TARA: Attack Feasibility in Interference-Free Scenarios and the Trusted Zones Approach

Abstract: Automotive SPICE for Cybersecurity incorporates the Cybersecurity Risk Management process (MAN.7), aligning with the Risk Assessment methods defined in ISO/SAE 21434:2021 (Clause 15). Both standards provide guidance on conducting Threat Analysis and Risk Assessments (TARA). However, they do not specify how to integrate the determination of attack feasibility when multiple TARAs emerge across different development phases. This talk explains how the concept of freedom from interference can facilitate a unified approach to determining attack feasibility in such scenarios. Also the talk addresses how to install new architectures with trusted zones and defense layers that allow to build car architectures that allow lower cost and still reaching sufficient security.

CVs: Thomas Liedke is the moderator of the INTACS working grpup developig the training materials and examples for APICE for Cybersecurity and Richard Messnarz is the moderatpr of the SOQRATES group who contributed examples and explanations for the security processes.

Thomas Liedke,
Senior Cyber Security Expert,
SYNSPACE, Germany

Dr Richard Messnarz,
Manager and Senior Expert,
ISCN/SOQRATES Group, Graz, Austria

The AI Evolution: Transforming Process Improvement, Compliance, and Culture in the age of AI

Abstract: In the rapidly advancing era of artificial intelligence, its integration into organizational processes is not just a competitive advantage but a necessity. This keynote explores the transformative role of AI in process improvement and compliance management, addressing how AI-driven automation, predictive analytics, and knowledge graphs are reshaping traditional frameworks. Beyond technology, the keynote delves into the profound impact AI has on organizational culture—what we call the "AI Culture." How does the adoption of AI influence decision-making paradigms, foster innovation, and challenge ethical boundaries? Join us as we uncover strategies for leveraging AI to enhance efficiency, ensure regulatory alignment, and build a resilient culture that embraces AI responsibly, paving the way for sustainable success in the digital age.

Peter Pedross,
Founder and Director,
PEDCO AG, Switzerland

Peter Pedross is the Founder of PEDCO and the Creator of Applied SAFe. He is a Certified Consultant in the “Scaled Agile Framework” since 2012 as well as in “Disciplined Agile Delivery”, and has a Diploma in Quality Management from EFQA. Peter was in the first ever SAFe class held in Switzerland with Dean Leffingwell as his trainer. Peter Pedross has experience in agile practices (XP) since 1999. In the course of his career, he has authored publications and given lectures on the topics of Agile, DevOps, Scaled Agility in Regulated Environments, Architecture, Process Engineering, and Lean-Agile Requirements Engineering, in the USA, Japan, and in Europe.
He has over 30 years' experience in software development. As the architect of the process framework of one of the leading Swiss financial institutions, he was responsible for the entire set of life-cycles (including agile), processes, methods, and tools used. This process framework was then used over the years by hundreds of projects around the world, and continually improved.
Peter Pedross is the President of the board for Computer Science at the Swiss Association for Quality (SAQ), he is also a member of the board at SAQ. Peter Pedross also leads the Non-Profit special interest group on scaling agility in Switzerland.

Bridging European, Chinese & African Automotive Quality Standards - Influenced by Civilization History

Abstract: The various historical and cultural paths taken by major civilizations have a significant influence on the development of international automotive quality standards.This Research considered a comparative historical study of automotive quality frameworks in Europe, China, and the African world, examining the ways in which political, industrial, and cultural factors have impacted the creation and uptake of automobile standards. Process-oriented models like Automotive SPICE (ASPICE) and ISO 26262 have emerged as a result of Europe's rigorous regulations and structured engineering heritage. emphasizing systematic development, traceability, and functional safety. In contrast, China's rapid industrialization and state-driven innovation led to the emergence of specific standards, which integrate both international influences and local regulatory priorities. Meanwhile, the African world's contributions to science, mathematics, and early engineering, especially during the Golden Age established fundamental principles in systemic thinking, measurement, and quality that are in line with contemporary quality methods. This study demonstrates regional strengths and the possibility of cross-cultural enrichment in global automotive software quality management by mapping historical engineering principles to contemporary requirements.

Samer Sameh
VALEO, Kairo, Egypt

Menna Noureldin
VALEO, Kairo, Egypt

Samer Sameh has more than 13 years of experience in the field of Embedded Software. He graduated from the Faculty of Engineering, Computer and Control department. He received a postgraduate professional diploma of Embedded Systems from Information Technology Institute (ITI), and obtained an Executive MBA, in the field of Operations Management, from Nile University, Giza, Egypt. Samer is currently working at Valeo, an automotive supplier and partner to automakers worldwide, as an Embedded SW Developer, Integrator and SW Validation Engineer, with more than 5 years of experience in the field of SW Quality Assurance and Process Improvement. He is certified as an auditor in some of the international automotive standards (e.g. automotive spice provisional assessor, ISO 9001:2015 Lead auditor and IATF 16949 internal auditor). As a Senior Process Improvement Manager & Senior Expert at Valeo, Samer leads the assessments which cover a wide range of projects in the USA, Germany, Spain, China, India, France, Czech, Ireland and Egypt. Samer is the founder of the Egyptian SPICE consortium and initiator of hosting INTACS Gate4SPICE events in Africa & Middle East. In addition to that he has a rich record as keynote speaker in automotive international conferences (e.g. VDA SYS, EuroSPI, Agile Automotive Engineering, IEEE, ...) He is the leader of ASA (Automotive Skills Allianz), working group 3.6 which is a program funded by the European Union with the mission of bringing together different kinds of stakeholders involved in the automotive ecosystem and ensuring continuous, pragmatic and sustainable cooperation on the skills agenda in the ecosystem. .

Menna Noureldin, M.Sc Technical Discipline Leader , Ph.D Researcher in Software Engineering, Eng. Quality & Processes Expert. Automotive SPICE Provisional Assessor intacs-EG21-2472-23466-01 .

ASQMS...a new software quality standard for SDVs from China

Abstract: With the tremendous technological advancement of so7ware defined vehicles (SDVs) in China, it was time for the authorities in charge of consumer protection to adjust the landscape of quality management standards. IATF 16949 is considered a very successful QM system standard in China: 50% of the certificates issued worldwide relate to supplier factories located in China. However, the IATF 16949 system standard does not cover software producing, processing and selling organizations and was not prepared to extend the standard quickly. This created a gap in the field of QM standards. The increasing number of recalls with root causes from E/E and software sectors ultimately prompted China to be the first nation to create a QM system standard. ASPICE as a process standard is tolerated due to a lack of alternatives, but is ultimately not seen by local Chinese companies as covering the gap. In addition, ASPICE focuses on single project assessments while ASQMS has an organizational focus. Due to the organizational focus the claim is that the coverage of the entire software ecosystem is higher. Chinese organizations will prefer this organizational approach above the the ASPICE based project focus, especially for maturity levels up to L3. BYD and Geely are now ASQMS certified in their software departments, others are asking suppliers to become ASQMS compliant. The Chinese brands will produce in Europe and will apply their SDV standards to suppliers here. The European industry will necessarily follow in the development of SDVs and it is now time to harmonize the standards, and in a world that still thinks and acts globally, to apply the standards together, develop them together and use only the best components and ideas on both sides. The keynote - Positions ASQMS in the automotive ecosystem - Compares ASQMS with other standards - Describes the benefits for organizations that are ASQMS compliant - Offers opportunities for co-operation between China and Europe

Dr Wolfgang Rainer Wagner has more than 40 years of experience in Automotive, and had/has leading positions, such as Founder / General Manager VDA-QMC China Association of German Car Industry (2005...2008), ACCU X-Tech (Hong Kong, Suzhou, Munich) CEO and CACPQSP Automotive Workgroup, International Representative since 2021, and he is currently the acting managing director of the ASQMS Germany GmbH. He has more than 15 years experience in leading positions to establish China and Europe co-operations.

Dr Wolfgang Rainer Wagner
ASQMS, China

Newsflash *The EuroSPI 2025 Paper Submission Deadline: 11 April 2025 - Extended to 30 April 2025*

Online Technology Day

Advanced Assessment and Improvement Methods and Tools

The Tech Day is a pre-event to the EuroSPI² 2024 Conference showcasing new state of the art technology in the field of assessments, benchmarking data and future learning infrastructures. The technology days allow EuroSPI supporting partner organizations to manage their own events in association with EuroSPI and at a date where it is possible for technology day participants to also register and come for EuroSPI. There are key note presentations and content based webinar sessions. Key note sessions are from leading industry or experts, and webinar sessions are presenting and refer to tools for which ISCN can provide test accounts or services.

To Register for Free write an Email to techday@iscn.com

Free Participation - 15. September 2025

ISCN invites for a free online event. In case of interest send an email to techday (techday@iscn.com). Note: The EuroSPI Conference will take place 17. - 19. September 2025 onsite and online, the tech day as a pre-event on 15. September 2025 will be online only.

Program 2025

08.50 - 09.00 Logging in to the event and welcome

09.00 - 09.20 TRIREME - Strategic Foreseight of Skills needed in Automotive

Jakub Stolfa, President of the ASA (Automotive Skills Alliance), Marek Spanyik, Svatopluk Stolfa, Michael Kosinar, VSB - Technical University of Ostrava, Czech Republic

09.20 - 09.40 TRIREME - The Innovation Agent Task Force (ISO 560xx) - Innovation Assessment: Model, Methods, Training and AI Application

Laura Aschbacher, EuroSPI Gmbh, Austria, Dr Richard Messnarz, ISCN GmbH, Damjan Ekert, ISCN Gmbh, Austria

09.40 - 10.00 Interpretations of Automotive SPICE Generic Practices on Level 2 (a teaser to the EuroSPI paper) - The SOQRATES Group

Elena-Flavia Povirnaru , Cariad SE, Germany,
Damjan Ekert, ISCN GmbH, Austria ,
So Norimatsu, NP Lab, Japan,
Ralf Mayer, Bosch Engineering GmbH, Germany,
Sascha Glasbrenner, Etas GmbH, Germany,
Alexander Feulner, Process Fellows GmbH, Germany,
Brigitte Kurz-Grießnig, Engineering Center Steyr GmbH & CO KG, Austria,
Peter Lindermuth, Magna Powertrain GmbH & CO KG, Austria,
Svatopluk Stolfa, VSB – Technical University of Ostrava, Czech Republic,
Mary Roselind Michael, HELLA GmbH & Co, Germany,
Valeria Franzitta, Bosch Engineering GmbH, Germany,
Vanessa Schumacher, Bosch Engineering GmbH, Germany,
Rainer Dreves, SPICE Consulting, Germany,
Andreas Gasch, Cariad SE, Germany,
Dr Richard Messnarz, ISCN GmbH, Austria

10.00 - 10.15 Break

10.15 - 10.35 **Integrating Functional Safety Audit with ASPICE and How to Interface Safety Objectives and Functional Safety Assessment (SOQRATES)**

Dr Richard Messnarz, Damjan Ekert, Tobias Danmayr, Jonathan Breitenthaler, Laura Aschbacher, ISCN GmbH, Austria, and Gerhard Griessnig, AVL, Austria

10.35 - 11.05 **Capability Adviser - The Number One Assessment Tool and New Features**

Tobias Danmayr (new features), Laura Aschbacher (usability design and new models like ISO 560xx), Jonathan Breitenthaler (new features), Damjan Ekert (release strategy), Dr Richard Messnarz, ISCN GesmbH, and EuroSPI Gmbh (the vision of a virtual user community in the EuroSPI eco-system)

11.05 - 11.25 **Functional safety in advanced Machine Learning Architectures (New Research)**

Prof. Dr. Andreas Riel, Grenoble INP & ISCN Group, Dr Georg Macher, TU Graz & ISCN Group, Dr Richard Messnarz, ISCN

11.25 - 11.45 **News from INTACS and introduction of the Automotive SPICE® Potential Analysis PAM and its implementation in the Capability Adviser**

Damjan Ekert, ISCN & INTACS Regional Representative for Austria, Slovenia, Croatia and Serbia

11.45 - 12.05 **Updates in Automotive SPICE for Cybersecurity**

Dr Thomas Liedtke, SYNSPACE GmbH, and , Dr Richard Messnarz, ISCN & EuroSPI GmbH, Austria

12.05 - 12.25 **The Cybersecurity Tester Erasmus+ EU Project (New Certificate Upcoming)**

Bianca Martone, Lorenzo Breglio, Bruno Rossomando, KINETON, Italy

12.25 - 12.45 **A vision - how will the future EuroSPI/ASA eco system and assessments of systems look like in future**

Dr Richard Messnarz, ISCN & EuroSPI

12.45 - 13.00 **Summary, Discussions, and Closing**

join the EuroSPI eco system of conference, academy, certificates and tools.

J.UCS (Journal of Uiversal Computer Science) Issue in Cooperation with EuroAsiaSPI² - Recent Advances in Cybersecurity and Safety Architectures in Automotive, IT, and Connected Services:

We published a special issue in a Q2 rated J.UCS journal, see Scimago rating for computer science section of the journal.

This is an open access journal and you can access the articles from here.

Presentations from 2025 (impressions of the TechDay):

- TRIREME - Strategic Foreseight of Skills needed in Automotive
- The Innovation Agent Task Force (ISO 560xx) - Innovation Assessment: Model, Methods, and AI Application
- Interpretations of Automotive SPICE Generic Practices on Level 2 (a teaser to the EuroSPI paper) - The SOQRATES Group
- Integrating Functional Safety Audit with ASPICE and How to Interface Safety Objectives and Functional Safety Assessment
- Capability Adviser - The Number One Assessment Tool and New Features
- Functional safety in advanced Machine Learning Architectures (New Research)
- News from INTACS
- Introduction of the Automotive SPICE Potential Analysis PAM and its implementation in the Capability Adviser
- Updates in Automotive SPICE for Cybersecurity
- The Cybersecurity Tester Erasmus+ EU Project (New Certificate Upcoming)
- A vision - how will the future EuroSPI/ASA eco system and assessments of systems look like in future

Please join free available studies and trial courses 2025

- High Maturity Organisations - workshop input for EuroSPI 2025. Alternatively you can also use the QR code to access the questionnaire.

- Online free ISO 56006 training at ASA about Strategic Intelligence Management using AI for the analysis. You register, get an email, confirm and can login. No cost and training by ASA Skills Hub, slides with sound and materials.
- Online free ASPICE 4.0 Introduction training at ASA. You register, get an email, confirm and can login. No cost and training by ASA Skills Hub, slides with sound and materials.

Presentations from 2024 (impressions of the TechDay):

- The innovation agent task force in ASA and ISO 56000 based innovation assessments

- Experiences with first ISO 56000 innovation management system assessments
- EU Blueprint Project Trireme - Re- and Up-skilling European Automotive and Energy Sector for Green Mobility Strategy
- Integrating Functional Safety Asssessment and Audit with ASPICE - FUSE and Capability Adviser Integrated
- Capability Adviser - The Number One Assessment Tool and New Features
- ASPICE 4.0 versus 3.1 - an analysis by the SOQRATES working group
- Experience with Capability Adviser - Customer Use Cases
- Experiences with ASIL C/D architectures for non-deterministic systems (e.g. machine learning)
- Consistency for more than one TARA - new content of Automotive SPICE for Cybersecurity
- Experiences with CSMS Audit preparation using the Capability Adviser supported CSMS process assessment model

Presentations from 2023 (impressions of the TechDay):

- Tech Day and EuroSPI 2023 attendees list (status 27.8.2023)
- Tech Day 2023 Opening
- Automotive SPICE for Cybersecurity – Introduction to the PAM
- Experiences with ASPICE for Cybersecurity Assessments
- Capability Adviser - The Number One Assessment Tool - News
- Automotive SPICE V4.0 Automotive SPICE Guidelines V2.0
- intacs News
- The new process improvement expert training module from iNTACS
- ISO 56000 Innovation Management Systems Assessment - EU Project TIMS - TIMS TRAINING IN INNOVATION MANAGEMENT SYSTEM FOR SUSTAINABLE SMES
- Experiences with Assessments with Process Instances - Lessons Learned with Capadv
- Using assessment systems for benchmarking and lessons learned

Presentations from 2022 (impressions of the TechDay):

- The Automotive Skills Alliance ASA
- Experiences with the ASPICE for Cybersecurity Assessment Model
- The Cybersecurity Engineer and Manager Project
- Innovation Assessment - ISO 56000 based assessment development
- Capability Adviser Updates on Features
- Overview about the new ASPICE 4.0 PAM
- The EU Blueprint Project about Blockchain Technology and Education
- Experiences with integrated ASPICE and ISO 26262 Assessments
- The new process improvement expert training module from iNTACS - Paper at EuroSPI
- Data Driven Engineering Process - An ASPICE Compatible Process for Machine Learning in Automated Driving

Presentations from 2021:

- Automotive SPICE® for Cybersecurity
- First Experiences with the Automotive SPICE for Cybersecurity Assessment Model
- Experiences with safety assessments and safety cases
- Experience Report from Recent Combined Assessments: ASPICE 3.1 + ISO 26262
- Capability Adviser - A Collaborative Web Assessment Tool
- DRIVES - The Blueprint Project
- ECEPE - Certified Electric Powertrain Engineer

Presentations from 2020:

- Experience with the Implementation of the VDA Guidelines for ASPICE 3.1 with advanced tool support
- Experience with the Combined use of ASPICE 3.1 and ISO 26262 assessments
- Capability Adviser Product Portfolio and main Features - Design
- Capability Adviser Product Portfolio and main Features - Functionality
- Assessment in the Cloud, Mixed Online and Onsite Assessments, Learning in the Cloud
- Experience with using metrics for ASPICE level 2

Newsflash *The EuroSPI 2025 Paper Submission Deadline: 11 April 2025 - Extended to 30 April 2025*

Thematic Workshops and Communities

The EuroSPI² 2025 Conference (17 - 19 September 2025) will have 10 international thematic workshop streams supported by thematic topic communities. Each stream integrates both, research sessions and **industry / applied science sessions**. The thematic streams will be a mix of pitch talks provoking discussions, full presentations and panel discussions which will focus on specific questions of interest. In addition there will be a half day about new research and industry project and funding proposal ideas. Streams might run longer than one day depending on the size of the community and contributions. EuroSPI² has the vision to enable these workshop communities to grow and to sustain over numerous years. Joint the community and contribute and share interesting thoughts, ideas and papers and get feedback.

The thematic workshops allow leading industry and research to attend EuroAsiaSPI not only for a conference but also for a dedicated topic based workshop/training event. These workshop are dealing with hot topics and contain key papers and **interactive sessions with open discussions.** Participants work with the speakers to elaborate key statements to follow up in the next years workshops. The thematic workshops will be published as separate chapters in the annual SPRINGER book in the CCIS series.

Workshop Community: Emerging and Multidisciplinary Approaches to

Workshop Community: Digitilisation of Industry, Infrastructure and E-Mobility

Workshop Community: Good Process Improvement - High Maturity Organisations

Software Engineering

2025 - Emerging and Multidisciplinary Approaches to Software Engineering
2024 - Emerging and Multidisciplinary Approaches to Software Engineering
2023 - Emerging and Multidisciplinary Approaches to Software Engineering
2022 - Emerging and Multidisciplinary Approaches to Software Engineering
2021 - Emerging and Multidisciplinary Approaches to Software Engineering
2020 - Emerging and Multidisciplinary Approaches to Software Engineering
2019 - Gamification and Persuasive Games for SPI, Information Technology, and Innovation Management
2018 - Gamification and Persuasive Games for SPI, Information Technology, and Innovation Management
2017 - Gamification and Persuasive Games for SPI, Information Technology, and Innovation Management
2016 - Gamification and Persuasive Games for SPI, Information Technology, and Innovation Management
2015 - Conference Stream and Panel for Global Innovation and Networking
2014 - Roadmaps for Innovation and Changing Beliefs
2013 - Process Product and Service Innovation
2012 - Social Responsibility as a fruitful ground for innovation

2025 - Digitilisation of Industry, Infrastructure, and E-Mobility
2024 - Digitilisation of Industry, Infrastructure, and E-Mobility
2023 - Digitilisation of Industry, Infrastructure, and E-Mobility
2022 - Digitilisation of Industry, Infrastructure, and E-Mobility
2021 - Digitilisation of Industry, Infrastructure, and E-Mobility
2020 - Digitilisation of Industry, Infrastructure, and E-Mobility
2019 - Digitilisation of Industry, Infrastructure, and E-Mobility
2018 - The Digitalization of Design and Manufacturing
2017 - The Digitalization of Design and Manufacturing
2014 - "Olympic Level" for Software Development
2013 - System Design Principles
2012 - Measurement

Empowering the Future Infrastructures

2018 - Empowering the Future Infrastructure

2025 - High Maturity Organisations
2024 - Good Process Improvement Practices (all Branches)
2023 - Good Process Improvement Practices (all Branches)
2022 - Good Process Improvement Practices (all Branches)
2021 - Good Process Improvement Practices (all Branches)
2020 - Good/Bad SPI Practices in Improvement
2019 - SPI Manifesto Update
2018 - Good/Bad SPI Practices in Improvement
2017 - Good/Bad SPI Practices in Improvement
2016 - ECQA Certified SPI Manager Qualification - Implement Best Pracrices for Managing Improvement
2015 - Business Compliance and Transparency Best Practices and the SPI Manifesto and its implementation experiences
2014 - How to apply an organizational change approach that is aligned with the new ISO standard 33014 (morning) and how to apply outsourcing business strategies (afternoon)

Workshop Community: Best Practices in Design of Systems Applying Functional Safety and Cybersecurity

2025 - Best Practices in Design of Systems Applying Functional Safety and Cybersecurity
2024 - Best Practices in Design of Systems Applying Functional Safety and Cybersecurity

Workshop Community: Experiences with Agile and Lean

2025 - Experiences with Agile and Lean
2024 - Experiences with Agile and Lean
2023 - Experiences with Agile and Lean
2022 - Experiences with Agile and Lean

Workshop Community: Standards and Assessment Models

2025 - Standards and Assessment Models
2024 - Standards and Assessment Models
2023 - Standards and Assessment Models
2022 - Standards and Assessment Models

2023 - Best Practices in Design of Systems Applying Functional Safety and Cybersecurity
2022 - Best Practices in Design of Systems Applying Functional Safety and Cybersecurity
2020 - Best Practices in Design of Systems Applying Functional Safety and Cybersecurity
2019 - Best Practices in Design of Systems Applying Functional Safety and Cybersecurity
2018 - Best Practices in Design of Systems Applying Functional Safety and Cybersecurity
2017 - Best Practices in Design of Systems Applying Functional Safety, Cybersecurity, and How Much Agile is Possible
2016 - Cyber Security and Functional Safety in Cyber-Physical Systems
2015 - Experiences with the Implementation of Functional Safety and Embedded Systems Security
2014 - Integrating Different Functional Safety and Risk Management Experiences
2013 - Integrated Design Principles
2012 - Agile Design PrinciplesFunctional Safety Standards and Design Principles

2021 - Experiences with Agile and Lean
2020 - Experiences with Agile and Lean
2019 - Experiences with Agile and Lean
2018 - Experiences with Agile and Lean
2017 - Experiences with Agile and Lean

2021 - Standards and Assessment Models
2020 - Standards and Assessment Models
2019 - Standards and Assessment Models
2018 - Standards and Assessment Models
2017 - Standards and Assessment Models

Workshop Community: Sustainability and Life Cycle Challenges

2025 - Sustainability and Life Cycle Challenges
2024 - Sustainability and Life Cycle Challenges
2023 - Sustainability and Life Cycle Challenges

Workshop Community: Recent Innovations

2025 - Innovation Challenges till 2030 – Empowerment of the Drivers of Change (TRIREME)
2024 - Innovation Challenges till 2030 – Empowerment of the Drivers of Change (TIMS)
2023 - Innovation Challenges till 2030 – Empowerment of the Drivers of Change (TIMS)
2022 - Innovation Challenges till 2030 – Empowerment of the Drivers of Change
2021 - Innovation Challenges till 2030 – Empowerment of the Drivers of Change

2020 - Recent Innovations
2019 - Innovation Challenges till 2030 – Empowerment of the Drivers of Change

Thematic Workshops Integration into the EuroSPI Conference Program

The conference is structured into four parallel tracks. On day 1 there are four parallel thematic workshops, on the days 2 and 3 there are three parallel thematic workshops and a research stream sandwiched between the thematic streams (see conference program and structure).

Newsflash *The EuroSPI 2025 Paper Submission Deadline: 11 April 2025 - Extended to 30 April 2025*

Workshop: Emerging and Multidisciplinary Approaches to Software Engineering

Workshop-Moderators

Murat Yilmaz
Gazi University, Turkey

Paul Clarke
Dublin City University, Ireland

Ricardo Colomo Palacios
Universidad Politecnica de Madrid, Spain

Antonia Mas
University of the Balearic Islands, Spain

Richard Messnarz
ISCN GmbH, Austria

Emerging and Multidisciplinary Approaches to Software Engineering

Software engineering is inherently a socio-technical effort with best practices based on social interaction. However, these practices are likely to vary with cultural aspects that cannot be externalized or captured by automation tools alone. Therefore, engineering software products requires a vision of thinking across boundaries for the future which goes further than what we have so far conceived. In particular, novel software development approaches are closely tied to the traditional concerns of social factors that affect the success of software development as a whole. To address these concerns and establish a strategy that will achieve a broader vision, researchers seek ways to adopt techniques from multiple academic disciplines and draw knowledge from various areas including but not limited to management, sociology, anthropology, psychology, etc. Ultimately, applying best practices from multiple academic disciplines is critical for future success in engineering sustainable software products.

REGISTER NOW

Workshop Program 17.09.2025

	Workshop: Emerging and Multidisciplinary Approaches to Software Engineering	
08.40 - 09.15	Opening by Riga Technical University, Vice rector for Science Dr Maira Indrikova EuroSPI Chair, Dr Richard Messnarz, Automotive Skills Alliance, Dr Jakub Stolfa, ASA Director, iNTACS, Lars Dittmann, INTACS Director, Samer Sameh, EuroSPI Chair for ASA Cooperation	
09.30 - 10.30	**Generative IT Products – be generic to become generative to handle fit for use** Alexander Poth, Olsi Rrjolli, and Christian Heimann, Volkswagen AG, Germany	**Explainable AI for SW Development and Testing** Thomas Michael Fehlmann, Eberhard Kranich, Euro Project Office, Switzerland
10.30 - 11.00	Coffee Break	
11.00 - 12.00	**Baseline Evaluation of LLM-Facilitated UI Test-Case Generation from Gherkin Specifications** Alexander Poth, Olsi Rrjolli, Huiyu Wang, Volkswagen AG, Germany, Klaus Schmid, University of Hildesheim, Germany	**Hype to Quality: Assessing Generative AI Products Be-fore Use** Buse Erol Esirik, Ebru Gokalp, Hacettepe University, Turkey
12.00 - 13.30	Lunch Break	
13.30 - 14.15	Key Note 1:Human as the Measure: Standards, Ergonomics and Human-Centered Design for Sustainable Innovation, Prof.Dr.sc.ing. Inga DABOLINA, Riga Technical University, Latvia	
14.15 - 14.30	Move to the rooms	
14.30 - 16.00	**Trustworthy Artificial Intelligence in Healthcare: a proposed framework** Niamh St John Lynch, Roisin Loughran, Martin McHugh, Fergal McCaffrey, Regulated Software Research Centre, DkIT, Ireland	**Benchmarking AI-Facilitated UI Test-Script Generation: A Reproducible Evaluation Framework** Alexander Poth, Olsi Rrjolli, Huiyu Wang, Volkswagen AG, Germany
		Toward the implementation of DevOps: a guide of tools, practices and activities Daniela Acevedo, Mirna Munoz, Unidad Zacatecas, Mexico, Sergio Galvan, Universidad Autonoma de Aguascalientes, Mexico, Jezreel Mejia, Unidad Zacatecas, Mexico, Blanca Dina Valenzuela Robles, TecNM/Campus CENIDET, Mexico
16.00 - 16.30	Coffee Break	
16.30 - 17.15	Key Note 2: Which Three Laws? ... Human Flourishing in an Algorithmic Society, Taz Daughtry, USA	
17.15 - 18.00	Key Note 3: The AI Evolution: Transforming Process Improvement, Compliance, and Culture in the age of AI, Peter Pedross, Founder and Director, PEDCO AG, Switzerland	
18.30 - 19.30	Riga historic city center is 20 minutes walking distance - Walking or taking tram to the event location	
19.30 - 22.00	Riga is famous for barbecues and old restaurants like the Rozengrals The social event location will take place at the famous Rozengrals. Have a nice typical Riga food in a typical Riga atmosphere!	

Workshop Program 19.09.2025

	Workshop: Emerging and Multidisciplinary Approaches to Software Engineering	
08.00 - 09.00	Registration	
09.00 - 10.00	**Inner source, outer source, low code, and no code: Pros, Cons and Contexts - Results**	**Current AI-based Software Engineering, Strengths and weaknesses - Results from a**

	from an MLR Georgijs Pitkevics, Lakshita Dubey, Chee Hin Choa, Yana Koleva, Dublin City University, Ireland, Murat Yilmaz, Gazi University, Ankara, Turkey, Paul M. Clarke, Dublin City University, Ireland, and Lero, the Science Foundation Ireland Research Centre for Software, Andrew McCarren, Insight, the Science Foundation Ireland Research Centre for Data Analytics, Ireland	**MLR** Jed Walshe, Robert Maloney, Evun Grant, Carlos Conde, Gerard Marks, Dublin City University,Ireland, Murat Yilmaz, Gazi University, Ankara, Turkey, Richard Messnarz, the International Software Consulting Network, Graz, Austria, Paul M. Clarke, Dublin City University, and Lero, the Science Foundation Ireland Research Centre for Software, Andrew McCarren, Insight, the Science Foundation Ireland Research Centre for Data Analytics, Ireland
10.00 - 11.00	**A Review of Estimation in Software Engineering** Kevin James Tomescu, Niamh Gowran, Lorena Gomez, Eoin Delahunty, Dublin City University, Ireland, Andrew McCarren, Dublin City University, Ireland, and Insight, the Science Foundation Ireland Research Centre for Data Analytics, Gerard Marks, Dublin City University, Ireland, Murat Yilmaz, Gazi University, Ankara, Turkey, Richard Messnarz, ISCN, the International Software Consulting Network, Graz, Austria, Paul M. Clarke, Dublin City University, Ireland, and Lero, the Science Foundation Ireland Research Centre for Software	**Programming language selection in software engineering: Results from an MLR focused on Go, Haskell, Python and Rust** Zoe Collins, Luigi Di Paolo, Cathal O Grady, Niall Ryan, Gerard Marks, Dublin City University, Ireland, Murat Yilmaz, Gazi University, Ankara, Turkey Paul M. Clarke, Dublin City University, and Lero, the Science Foundation Ireland Research Centre for Software, Andrew McCarren, Insight, the Science Foundation Ireland Research Centre for Data Analytics, Ireland
11.15 - 12.00	Room: Plenary Key Note 8: A Multi-Level Approach to TARA: Attack Feasibility in Interference-Free Scenarios and the Trusted Zones Approach , Dr Thomas Liedtke SYNSPACE, and Dr Richard Messnarz, ISCN	
12.00 - 13.00	Shorter Lunch Break	
13.15 - 14.00	Room: Plenary Key Note 9: What is ASQMS and Open Discussion for Cooperation with Other Schema, Dr Wolfgang Wagner, ASQMS Germany GmbH	
14.00 - 14.30	Room: Plenary Plenary: An outlook to the future EuroSPI Conference, Academy, Certificates and Service Eco-System and the Innovation Agent working group in ASA - A Vision of Future Cooperation, Dr Richard Messnarz, sharing a vision, EuroSPI	
14.45 - 15.15	Rory O Connor Paper Award and Best paper Award	

Newsflash *The EuroSPI 2025 Paper Submission Deadline: 11 April 2025 - Extended to 30 April 2025*

Workshop: Agile and Lean

Workshop-Moderators

Alexander Poth
Volkswagen, Germany

Peter Pedros,
Founder of PEDCO & Applied SAFe, PEDCO, Switzerland

Svatopluk Stolfa
VSB Ostrava,
Czech Republic

Definition of Agile and of Lean

What is agile and what is lean? How much agile is possible in a safety critical development in a car, plane, medical device? What are the principles of lean and is it possible to be lean and agile at the same time? Is just implementing SCRUM already covering the principles of agile and Lean or probably not?

Agile and/or lean principles work differently in different domains: IT service, Automotive, production of components etc.

REGISTER NOW

Workshop Program 19.09.2025

	Workshop: Agile and Lean	
08.00 - 09.00	Registration	
09.00 - 10.00	**Catalogue of Pathological Patterns of Self-Managed Teams in Scrum** Michael Alexander KOSINAR , Svatopluk STOLFA, Marie LASINSKA, Jakub STOLFA, Marek	**Stand Up to Discuss** Moderated discussion about key lessons learned from the expert contribution

	SPANYIK, Department of Computer Science, VSB – Technical University of Ostrava, Czech Republic	
10.00 - 11.00	**Findings of more than six years of Decentralized Process Management in a Large Agile Organization** Markus Meichau, Robert Bosch GmbH, Germany	**Stand Up to Discuss** Moderated discussion about key lessons learned from the expert contributions
11.15 - 12.00	Room: Plenary Key Note 8: A Multi-Level Approach to TARA: Attack Feasibility in Interference-Free Scenarios and the Trusted Zones Approach , Dr Thomas Liedtke SYNSPACE, and Dr Richard Messnarz, ISCN	
12.00 - 13.00	Shorter Lunch Break	
13.15 - 14.00	Room: Plenary Key Note 9: What is ASQMS and Open Discussion for Cooperation with Other Schema, Dr Wolfgang Wagner, ASQMS Germany GmbH	
14.00 - 14.30	Room: Plenary Plenary: An outlook to the future EuroSPI Conference, Academy, Certificates and Service Eco-System and the Innovation Agent working group in ASA - A Vision of Future Cooperation, Dr Richard Messnarz, sharing a vision, EuroSPI	
14.45 - 15.15	Rory O Connor Paper Award and Best paper Award	

Newsflash *Early Registration till 9th August 2025*

Workshop: Digitalisation of Industry, Infrastructure, and E-Mobility

Workshop-Moderators

Jakub Stolfa
VSB TUO, Czech Republic

Svatopluk Stolfa
VSB TUO, Czech Republic

Peter Dolejsi
ACEA, Belgium

Georg Macher
TU Graz, Austria

Andreas Riel
Grenoble Institute of Technology, France

Michael Reiner
University of Applied Sciences Krems, Austria

Richard Messnarz

Digitalisation of Industry, Infrastructure, and E-Mobility

Digitalisation of industry, vehicles, planes, infrastructure, services leads to new system and software architectures, new standards to be followed, new uses cases, new service models, and so forth. The EU Blueprint project DRIVES came up with a set of major drivers of change which are used below as thematic paper topics.

DRIVES (2018 - 2021) is a large EU project which implements the vision of GEAR 2030. Gear 2030 is a strategy pannel in Brussels where the association of car manufacturers in Europe and the association of all Automotive suppliers in Europe share an expert team to develop the vision of the future skills / job roles needed for the Automotive industry till 2030. The year 2030 marks a corner stone where cars are driving in a networked infrastructure and cars are developed with so much intellegence, electronics, sensors and software to offer self driving. Moreover, it is planned to network the entire infrastructure, with a production in an industry 4.0 environment and on the air uploads to update cars constantly. Also new energy concepts are planned to provide enough electric power and new service and business models are created. And new chemical and material research is done to allow leight weight vehicles, and vehicles that can reload batteries during drive etc. Members of DRIVES will share exeriences with contributing parties, and experts contribution papers can share their ideas with GEAR 2030 and DRIVES. DRIVES is continued by the Blueprint FLAMENCO (2022-2024) that established an Automotive Skills Alliance in Europe as the pact for skills partner in the automotive sector. And the new Blueprint TRIREME (2024-2028)

ISCN GesmbH, Austria

started to support the future green mobility skills related strategy of Europe wide upskilling and reskilling.

REGISTER NOW

Workshop Program 18.09.2025

	Workshop: Digitalisation of Industry, Infrastructure, and E-Mobility		
08.00 - 09.00	Registration		
09.00 - 09.45	Key Note 4: ASA Automotive Skills Alliance - First Results of the TRIREME (2024 - 2027) Project and Outlook, Jakub Stolfa, President of the ASA		
09.45 - 10.30	Key Note 5: Enhancing Software Maturity Management through AI Infused by the TRIREME Approach, Flavia Elena, Andreas Gasch Povirnaru Cariad Technology, Germany		
10.30 - 11.00	Coffee Break		
11.00 - 12.00	**Strategic Foresight and Skills Intelligence for the Automotive-Mobility Ecosystem: Insights from the TRIREME Project** Marek Spanyik, Jakub Stolfa, Svatopluk Stolfa, Michael Kosinar, VSB - Technical University of Ostrava, Czech Republic	**Strategic Intelligence Management (ISO 56006) - Using AI by the innovation agent task force in the Automotive Skills Alliance (ASA) (WILEY)** Laura Aschbacher, EuroSPI GesmbH, Austria, Mikus Zelmenis, KVALB, Latvia, Richard Messnarz, Damjan Ekert, ISCN GmbH, Austria	
12.00 - 13.30	Lunch		
13.30 - 14.15	Key Note 6: The intacs® certification scheme - status and outlook, Lars Dittmann, iNTACS e.V. Vice President and Managing Director, INTACS, Berlin, Germany		
14.30 - 16.00	**RaspiCar: Ensuring Safe Real-Time AI-Based Control for Embedded Autonomous Systems** Romana Blazevic, Fynn Luca Maaß, Christian Kofler, Omar Veledar, and Georg Macher, Graz University of Technology, Austria	**Evolving IT Services: A SPICE-Based Framework for Supplier Performance Evaluation (presentation)** Anurag Maurya, Soroush Hajiali, CARIAD SE, Germany	**Presenting the ASA Skills Hub and Access to Key Skills MOOCs (Presentation and Teamwork)** Automotive Skills Alliance & TRIREME EU Blueprint - Interactive Session involving the attendees
16.15 - 17.00	Key Note 7: Bridging European, Chinese & African Automotive Quality Standards - Influenced by Civilization History, Menna Noureldin, and Samer Sameh, VALEO, Egypt		
till 19.00	**Riga historic city center is 20 minutes walking distance** - Walking or taking tram to the event location		
19.00 - 23.30	19.00 - 19.30 Arrival at the Small Guild 19.30 - 20.15 Classical Music Event in the Small Guild House The Small Guild (Latvian: Maza gilde) is a building situated in Riga, Latvia, at 3/5 Amatu Street. The building was erected in the years 1864—66 after a project by architect Johann Felsko in Neo-Gothic style. Karol Danis and Anton Bashynskyi are exceptional musicians who play classical music at EuroSPI social events since 2021 and have both won a number of international prizes. See the profile of Karol Danis and of Anton Bashynskyi. This year Anton Bashynskyi and a further prize winning classical musician will play piano for us. 20.30 - 23.30 Buffet at the Small Guild		

Workshop Program 19.09.2025

	Workshop: Digitalisation of Industry, Infrastructure, and E-Mobility

08.00 - 09.00	Registration	
09.00 - 10.00	**Integrating Functional Mock-up Units into Industrial Control Systems: Methodology and Insights on Real-time Behavior** Thomas Krug, Omar Veledar, and Georg Macher. Graz University of Technology, Austria	**Towards the analysis of software supply chain and EU regulations** Xabier Larrucea, University of the Basque Country, Spain, Izaskun Santamaria, TECNALIA, Basque Research and Technology Alliance (BRTA), Spain
10.00 - 11.00	**Anticipation in autonomous vehicles: from a microethical perspectives** Masao Ito, NIL Inc., Japan	**Experiences with ISO 56000 Innovation Management System Capability Assessments (presentation)** ASA Innovation Agent working group, Laura Aschbacher, EuroSPI Gmbh, Austria, Jorn Johansen, Whitebox, Denmark
11.15 - 12.00	Room: Plenary Key Note 8: A Multi-Level Approach to TARA: Attack Feasibility in Interference-Free Scenarios and the Trusted Zones Approach , Dr Thomas Liedtke SYNSPACE, and Dr Richard Messnarz, ISCN	
12.00 - 13.00	Shorter Lunch Break	
13.15 - 14.00	Room: Plenary Key Note 9: What is ASQMS and Open Discussion for Cooperation with Other Schema, Dr Wolfgang Wagner, ASQMS Germany GmbH	
14.00 - 14.30	Room: Plenary Plenary: An outlook to the future EuroSPI Conference, Academy, Certificates and Service Eco-System and the Innovation Agent working group in ASA - A Vision of Future Cooperation, Dr Richard Messnarz, sharing a vision, EuroSPI	
14.45 - 15.15	Rory O Connor Paper Award and Best paper Award	

Supported by

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Newsflash *The EuroSPI 2025 Paper Submission Deadline: 11 April 2025 - Extended to 30 April 2025*

Workshop: High Maturity Organisations

Workshop-Experts

Jorn Johansen,
Whitebox, Denmark

Jan Pries Heje,
Roskilde University, Denmark

Jens Hojriis Aarup,
Systematic, Denmark

Susana Boavida,
Critical Software, Portugal

High Maturity workshop at EuroSPI

We are in a situation where competitiveness is becoming more and more important. The technological possibilities are growing exponentially and are getting even more complex. Projects are getting bigger and bigger and now include infrastructure, technological platforms, distributed development across many teams and organisations, structured research, focused business development, regulation and compliance with standards, and much more. All of which can only be countered by organizational maturity.
The Capability Maturity Model Integration (CMMI) and the ISO based Software Process Improvement and Capability Determination (SPICE) maturity models supporting organizations advancements towards higher maturity. They have 5 levels of maturity, where level 4 and five are the high maturity levels.
Today more than 75% of all CMMI appraisals are performed in China. Why is it so? Since the launch of the Smart Manufacturing 2025 strategy China have poured massive investments into improving their innovation, manufacturing and development capabilities. In Chinas eyes, achieving high maturity is not only a necessity, it is a force multiplier.
This topic must be addressed in the European Union and other countries. We want to put our innovative manufacturing and development up front, we want to focus on our operational excellence. Yes, we want modularization, we want sustainability, we want safety, etc. But to get there in an effective way, European companies must focus on become more mature – or even achieve high maturity.

We are also looking into development of very complex high security systems of systems projects involving several organizations (e.g. the European Skyshield defense system including satellite connections), where high maturity is required to ensure the needed level of quality.
To many, even at political level, it is not clear what the benefits of achieving high maturity or even being a mature company really is. This is one of the reasons why there are relatively few High Maturity companies within the European Union.
This calls for the need of a High Maturity group within the European Union, where European companies can assist and help each other to become even more mature, and where from where the benefits and how to succeed with High Maturity can be told and spread. If your organization has achieved high maturity in a software maturity assessment like CMMI (e.g., Level 4 or 5), it means you've developed strong, disciplined processes, with quantitative management and continuous improvement built into your operations. However, high maturity doesn't mean you're free from problems - it just changes the nature of the challenges you face.

REGISTER NOW

Workshop Program 18.09.2025

	Workshop: High Maturity Organisations	
08.00 - 09.00	Registration	
09.00 - 09.45	Key Note 4: ASA Automotive Skills Alliance - First Results of the TRIREME (2024 - 2027) Project and Outlook, Jakub Stolfa, President of the ASA	
09.45 - 10.30	Key Note 5: Enhancing Software Maturity Management through AI Infused by the TRIREME Approach, Flavia Elena, Andreas Gasch Povirnaru Cariad Technology, Germany	
10.30 - 11.00	Coffee Break	
11.00 - 12.00	**How to manage the Top 10 of problems, which often are brought into discussion questioning benefits of High Maturity organizations** 1. Diminishing Returns on Process Improvements. At high maturity levels, most "low-hanging fruit" have already been addressed. Further improvements require more effort for smaller gains. 2. Process Rigidity and Bureaucracy. Mature processes can become overly rigid or bureaucratic, making it difficult to adapt to new business needs or technologies. 3. Innovation vs. Process Discipline. Maintaining rigorous processes may conflict with the flexibility needed for innovation and experimentation. Hence, there is a risk of becoming too conservative and falling behind disruptive competitors. 4. Maintaining Process Relevance. With new technologies such as GenAI and Data Analytics processes that were once optimal may become outdated. 5. Cultural Complacency. Success with process maturity can breed a false sense of security or a culture resistant to change. 6. Data Overload. High maturity organizations collect and analyze large amounts of data for quantitative process management. Hence, there is a risk of spending excessive time on unnecessary metrics that don't drive decision-making. 7. Talent Retention and Motivation. Highly structured environments may not appeal to	**Workshop with Experts** Boavida, Critical Software, Portugal, Jens Hojriis Aarup, Systematic, Denmark Welcome and setting the scene, Jørn Johansen, Whitebox (5 minutes) Critical Software's view on High Maturity. Susana Boavida, Critical Software (20 minutes) Systematic's view on High Maturity. Jens Højriis Aarup, Systematic (20 minutes) The 10 topics. Professor, Jan Pries-Heje, RUC (15 minutes)

	creative or entrepreneurial developers. 8. Alignment Across Locations. As organizations scale with mature processes, aligning goals and maintaining consistency across multiple locations and teams becomes harder. 9. Sustaining Executive and Stakeholder Buy-in. The value of high maturity practices can be abstract or long-term. 10. Audits and Compliance Overhead. With high maturity comes the expectation of rigorous documentation, reviews, and audits. These activities can consume time and distract from value-generating work.
12.00 - 13.30	Lunch
13.30 - 14.15	Key Note 6: The intacs® certification scheme - status and outlook, Lars Dittmann, iNTACS e.V. Vice President and Managing Director, INTACS, Berlin, Germany
14.30 - 16.00	**Workshop with Experts (Continued)** Jorn Johansen, Whitebox, Denmark, Jan Pries-Heje, PhD, R., Roskilde University, Denmark, Susana Boavida, Critical Software, Portugal, Jens Hojriis Aarup, Systematic, Denmark Result of the questionnaire sent to all participants. Jørn Johansen, Whitebox (10 minutes) Dot-vote for the most important topics (5 minutes) Setup of groups and topics (5 minutes) Workshop (Groups with 5 persons). Find solutions and conclusion (30 minutes) Group presentations (20 minutes) Discussions and agreement on conclusions and ... hopefully a start up of a European High Maturity group. (15 minutes) Summing up (5 minutes)
16.15 - 17.00	Key Note 7: Bridging European, Chinese & African Automotive Quality Standards - Influenced by Civilization History, Menna Noureldin, and Samer Sameh, VALEO, Egypt
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Background of Experts

Jorn Johansen, Whitebox, Denmark

I have almost always participated in the EuroSPI conferences, because I find EuroSPI through its various participants (private, public, universities and consultants) has a basis that creates very valuable

discussions and share beneficial experience. EuroSPI Certificates and Services. The next conference takes place September 17. to 19. in Riga. You can also find me at LinkedIn. Shortly: I'm an engineer of education, has been developer and project manager at Brüel & Kjær for 15 years. The following 30 years I have been an assessor and helped companies improve their maturity in product development or project delivery. Over time more than 700 assessments in close to 300 different companies.

Jan Pries-Heje, PhD, R., Roskilde University, Denmark

Jan Pries Heje is Professor in Computer Science and Information Systems at Roskilde University, Denmark. He is Head of the Sustainable Digitalization Research Group, and Director of Studies for Master in Project Management and Organizational Change. He has more than 25 years of experience working as Project and Research manager and doing research focusing on designing and building innovative solutions to managerial and organizational IT problems. He serves as Editor-in-Chief for IFIP Select, and Senior Editor for Journal of the AIS. He is Conference Chair for the upcoming International Conference on Information Systems (ICIS) to be held in Lisbon in 2026.
28 years ago he was trained as maturity assessor using the European Bootstrap model. He worked three years as an assessor with the Danish company DELTA. After that he returned to Academia where he has done research in process improvement for the last 25 years. He was the lead for research in a 3-year 60 million DKK Innovation Consortium where the ImprovAbility model was developed. That model later became the ISO 33014 standard for process improvement. He was also, together with Jørn Johansen, responsible for creating the SPI Manifesto.

Susana Boavida, Critical Software, Portugal

She is holding a degree in Computer Engineering, Susana found her passion early in process improvement and CMMI. Link to her LinkedIn Profile.
With nearly 20 years of experience, she plays a key role in advancing high-maturity practices at Critical Software, contributing to the evolution of quality and agility in complex, multi-standard environments. She has led CMMI Level 5 initiatives, blending agile methods with structured governance. Susana also designed and implemented a company-wide QMS focused on both compliance and business value, supporting both regulatory needs and organizational agility.

Jens Hojriis Aarup, Systematic, Denmark

Most of my professional life I have spent developing and maturing IT organisations from a high maturity perspective. I hold a degree in Computer Science and as such I have worked as a developer, team lead, but mostly as project manager and manager in various Danish companies. For almost 20 years I have enhanced and improved organisational capabilities using the CMMI model as a base in combination with best practises from various domains. As such, I have advanced several generations of CMMI ML5 process libraries (QMS). Each accelerating business value while supporting a multi model compliance picture. Link to his LinkedIn Profile.