EURO SPI

EuroSPI 2027

European Systems, Software, Service Process and Product Improvement & Innovation

CALL FOR PAPERS

for the 34th EuroSPI Conference
15. - 17. September 2027

hosted by the Bosch Budapest Innovation Campus

BOSCH

Building a community of knowledge

www.eurospi.net

EuroSPI 2027

EuroSPI² 2027 (15.-17.9.2027) will have 7 international thematic workshops in 3 days and 4 parallel running conference streams.

EuroSPI and the SPRINGER book allow to submit 3 types:
Full paper: ca. 12 to 15 pages, full elaborated case study, research study
Short paper: ca. 6-8 pages, addresses an important case study or research result
Key statement / poster: 4 pages, making a key experience/best practice statement

Publishers

Selected workshop papers are published as a special chapter in the annual EuroSPI SPRINGER book in the CCIS series. The EuroSPI series had so far 1.9 Million chapter downloads in SPRINGER online which makes it a widely known series referenced in industry and research.
Selected extended papers will be published in the WILEY Journal of Software: Evolution and Process.
Selected papers in the area of Safety–Security–Resilience Integration will be published in the MDPI technologies journal.

WILEY Springer MDPI

EuroSPI Topics

Submitted papers are grouped into major topics which can be attended in form of workshops.
EuroSPI paper submission is now available at https://conference.eurospi.net/index.php/en/submission.

1. Emerging and Multidisciplinary Approaches to Software Engineering (AI, Machine Learning, Agentic AI, Quantum Computing Impact, Gamification, Digital Twins, Agile and Lean)
2. Digitalisation of Industry, Infrastructure, E-Mobility, Highly Automomous Driving, and Eco-Systems
3. High Maturity Organisations (former Good Process Improvement Practices)
4. Functional Safety and Cybersecurity, Resilience, Cybersecurity Resilience Act
5. Standards and Assessment Models, a norm matrix to apply a set norms in one strategy
6. Future Service Architectures (Agentic AI Service Architectures, Impact for quantum computing, impact of future architectures, examples using these new architectures)
7. Innovation (Strategic data analysis and intelligence, innovation assessments, modern forecasting strategies, innovation agent, data analysist, how to compete with China speed)

Deadlines

09.04.2027 First Thematic Paper Submission

21.05.2027 Review by International Programme Committee and Notification of Acceptance (EuroSPI² Paper Review Form is used)

18.06.2027 Camera Ready Version

13.08.2027 Early Registration Deadline (All presenters must register for the conference, otherwise the contribution is deselected)

Attention: EuroSPI is a scientific conference bringing researchers and industry together with papers, book, etc. and all speakers also pay an early registration fee.

03.09.2027 Upload of Powerpoint Conference Presentation

13.09.2027 Free Technology Day

15.09.-17.09.2027 Conference

Topic Details

Emerging and Multidisciplinary Approaches to Software Engineering

Engineering software products requires a vision of thinking across boundaries for the future which goes further than what we have so far conceived. This workshop deals with AI, Machine Learning, Agentic AI, Quantum Computing Impact, Gamification, Digital Twins, Agile and Lean.

Digitalisation of Industry, Infrastructure, E-Mobility, Highly Automomous Driving, and Eco-Systems

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

High Maturity Organisations

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 share the benefits and how to succeed with High Maturity.

Functional Safety and Cybersecurity

ISO 26262 and IEC 61508 experiences, automotive/aerospace/medical device related safety norms, integrated safety and Automotive SPICE assessments, design patterns, SEooC strategies, FTA, diagnostic coverage, FIT, new norms, SOTIF - Safety Of The Intended Functionality.
SAE J3061, ISO 21434, ISO 27000, cybersecurity norms, experiences with cybersecurity methods (STRIDE, EVITA, etc.). Specific experiences with attack trees, cybersecurity concepts, new system and software architectures and networks. Integrating functional safety and cybersecurity.

Standards and Assessment Models

ISO/IEC, SAE, IEEE standards/guidelines to be considered in systems, software services assessment, development, improvement, ISO/IEC 330xx norm series, IATF 16949, ISO 26262 and new Norm Parts published in 2018,VDA Blue Gold Book, Automotive SPICE 3.1, Volkswagen KGAS Criteria, SOTIF - Safety of the Intended Functionality, SAE J3061 Cybersecurity Norm, ISO 27000 Security Norm, ISO 20000 Service Norm, New norms to be considered, including System of Systems (SoS) considerations.

Innovation and Sustainability

This workshop deals with strategic data analysis and intelligence, innovation assessments, modern forecasting strategies, the job roles innovation agent, data analysist, and how to innovate to , for instance, compete with China speed. This includes also experiences with the new ISO 560xx Innovation Standard Series – e.g. Strategic Intelligence Management, Innovation assessments, experts and AI and GenAI to analyze problems, big data and find innovation decisions and solutions, best practices for innovation.

Future Service Architectures

The world is changing from having different separate products and production processes to an integrated set of services (AI agent supported) with fully networked, automated, connected and AI supported processes. This workshop addresses Agentic AI Service Architectures, Impact for quantum computing, impact of future architectures, examples using these new architectures.

Associated Tech Days

On 13.09.2027 before the EuroSPI^2 2027 conference there will be a free associated tech day.

Networking

We believe that networking and fostering and establishing research and business relationships is essential for growing a sustainable community of improvement and innovation. While the confe-rence offers ideas, presentations, discussions, during the day, the social talks after the conference are equally important to establish trust and partnerships. Join the networking space and social events. We truly believe that SPI must involve people actively and affect their daily activities (Value A, SPI Manifesto).

Research & Industry

Research papers will not be presented in an extra research stream, but will be integrated as research sessions into the thematic workshops/streams in a sandwich position between industry papers. This will create a better integration and networking of research and industry / applied science and fertilize the grounds for a technology transfer at european level.

Submission Guidance

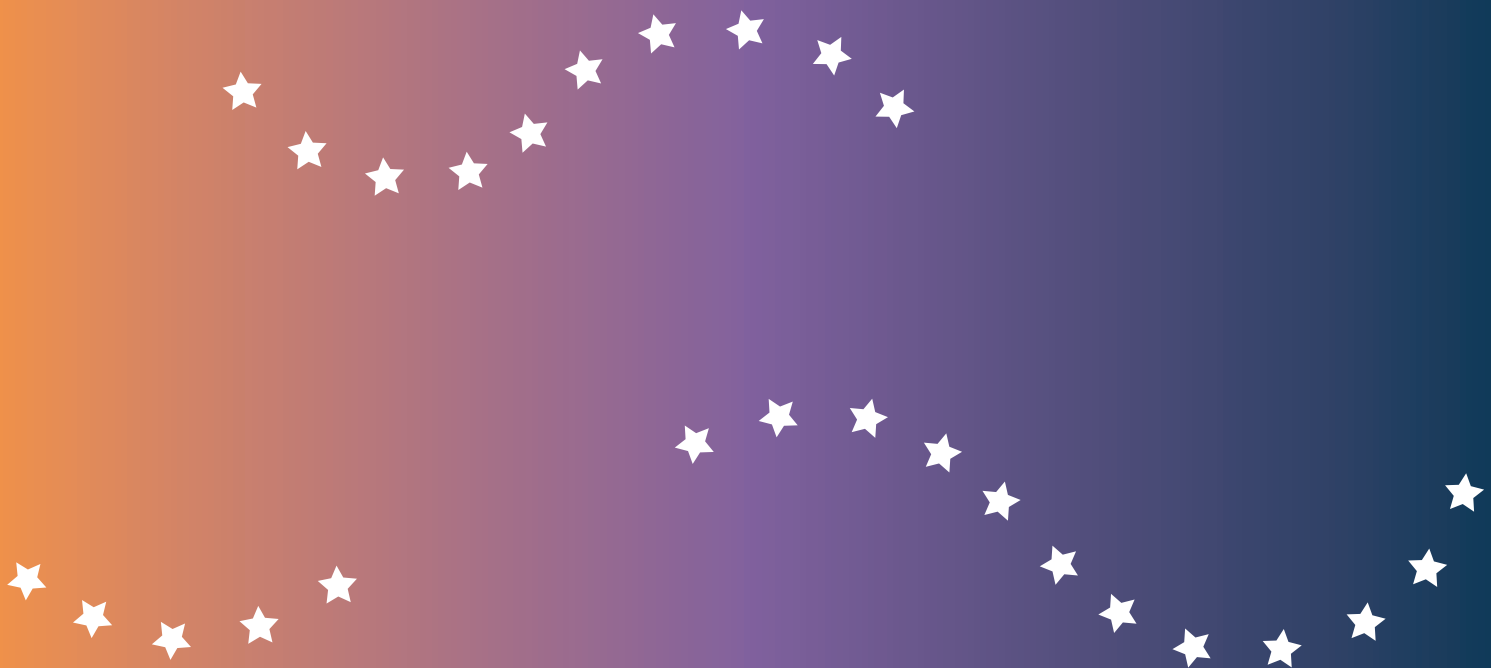
Thematic workshop papers will be published in the Springer CCIS Series as a special chapter in the book. Selected papers will be published in the Springer CCIS Series. Further ca. 5 papers will be selected for publication in the Wiley Journal of SW Evolution and Process series.
A EuroSPI journals editorial team will select papers from the book and propose an extended version (50% must be different) to be published in the WILEY Journal of Software: Evolution and Process (SPI Best Practices), and other cooperating journals. Papers should follow the SPRINGER CCIS series formatting guidelines. Writing instructions, templates and how to upload papers can be found at https://www.eurospi.net. Select EuroSPI Conference and then the menu SUBMISSION.
MDPI Technologies publishes a special EuroSPI issue about Safety-Security-Resilience Integration.

Cooperation with ASA

EuroSPI is a member of the ASA (Automotive Skills Alliance, https://automotive-skills-alliance.eu/) and signed also a conference partner agreement. ASA is the pact for skills partner in Erasmus+ EU program for the automotive sector.

Cooperation with intacsTM

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



In cooperation
with the

ASA

EURO SPI