Newsletter

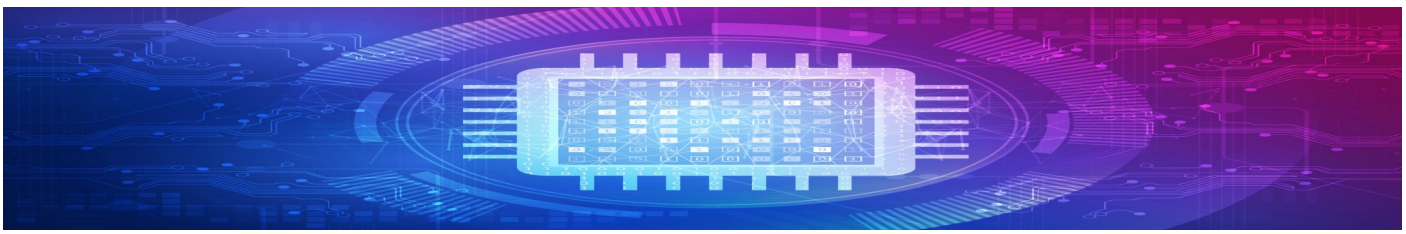
Volume 10, Issue 1
September 2025

Computing Frontiers 2025

Workshop on Open-Source Hardware (Computing Frontiers 2025)

Researchers from Università degli Studi di Cagliari contributed to organizing a special session dedicated to the Collaborative Project at Computing Frontiers 2025, held in Cagliari, Sardinia. Computing Frontiers—now in its 22nd edition—is a prestigious and well-established conference that serves as a major forum for the computing systems and computer architecture communities.

The session, chaired by Paolo Meloni, featured presentations from seven joint research initiatives, including the EdgeAI project. Representing the entire consortium, Paola Busia delivered a talk titled "A Glimpse on the EdgeAI Project: Technologies for Optimized Embedded Processing". She also participated in the poster session, where the EdgeAI project garnered significant interest from attendees, particularly regarding its objectives and the outcomes achieved so far.



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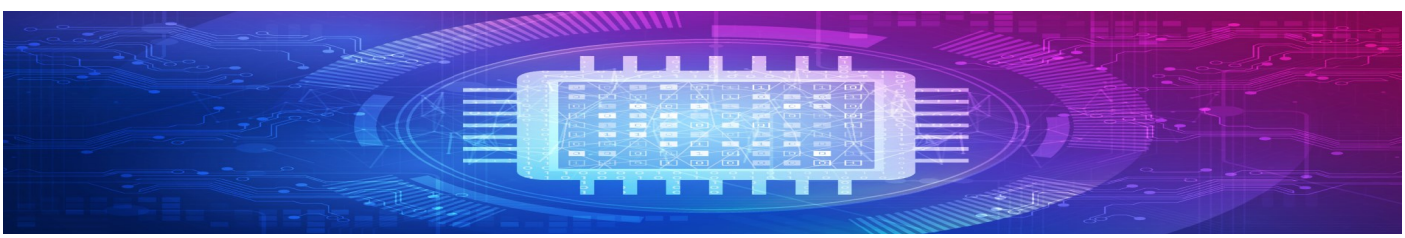
EdgeAI 3rd Webinar

Edge AI – Challenges and perspectives illustrated by application cases. Live NanoEdge AI Studio tutorial to carry out your first project.

The "**Edge AI – Challenges and perspectives illustrated by application cases. Live NanoEdge AI Studio tutorial to carry out your first project"** webinar held online via Go-to-Webinar on 3rd of June 2025.

This webinar discussed the technology's challenges, advantages, and limitations, using different examples to illustrate the application. It also presented state-of-the-art tools to start a project easily and a live demonstration using NanoEdge AI Studio to discover what can be done without previous experience in an AI project.

The webinar recording is available here: https://www.youtube.com/watch?v=zx3McQcMct0



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Edge AI Academy Summer School

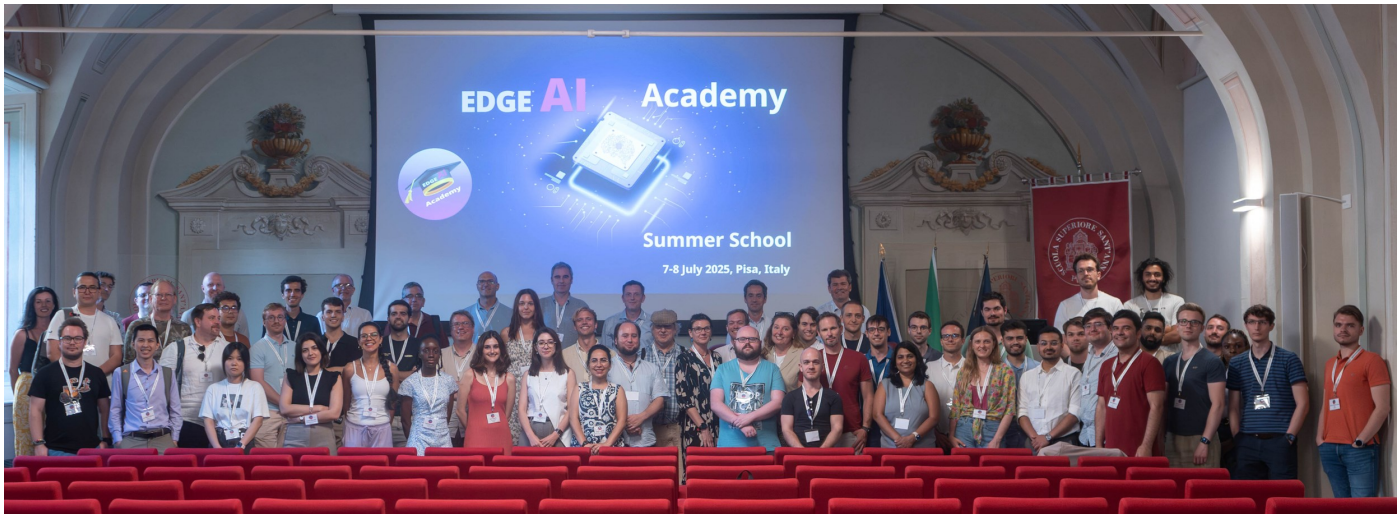
Edge AI Academy Summer School 2025

The **Edge AI Academy Summer School 2025** held on **7-8 July 2025 at Scuola Universitaria Superiore Sant'Anna, Pisa, Italy.**

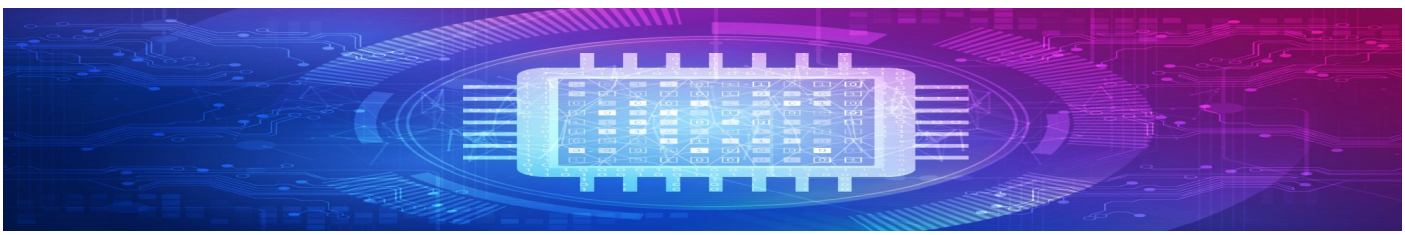
More than 100 participants engaged in interactive discussions, hands-on sessions, and lectures covering foundational concepts and innovative applications of edge AI across various domains with leading experts, gain insights into real-world applications. The topics extended to **RISC-V architectures** as ultra-low-power high-performance RISC-V-based processors and ultra-low-power vector-based accelerators are advancing smart IoT and edge AI computing capabilities.

The two-day innovative educational initiative was designed for students, young researchers, and professionals eager to expand their understanding and skills in these cutting-edge technologies.

The Edge AI Academy Summer School 2025 presentations are available at: https://edge-ai-tech.eu/academy-program-2025/ and photos are available at: https://edge-ai-tech.eu/academy-photos/



The Edge AI Academy Summer School 2025 was co-organised by the large-scale **Chips JU EdgeAI project in cooperation with CLEVER, REBECCA, TRISTAN, NEUROKIT2E, SMARTY projects, and dAIEDGE and SMARTEDGE Horizon Europe (HE) projects** to provide a platform to exchange knowledge and ideas among experts and professionals interested in advances in AI circuits and device design, AI hardware architectures, industrial edge AI technologies, toolchains, and applications.



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European Conference on EDGE AI

European Conference on EDGE AI Technologies and Applications – EEAI, 20-22 October 2025, Naples, Italy

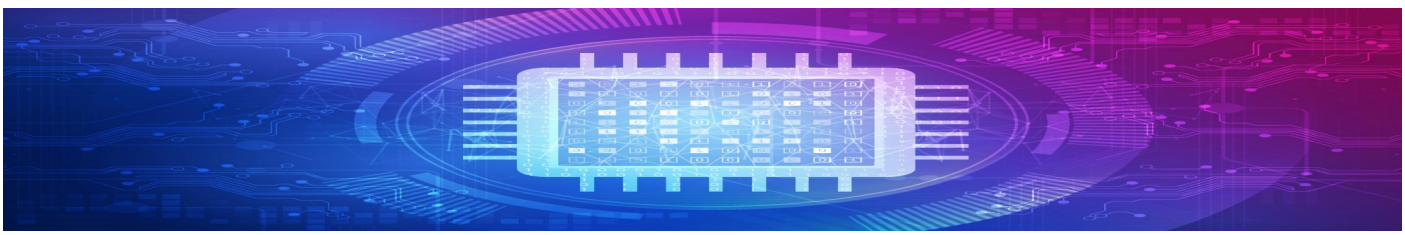
The **European Conference on EDGE AI Technologies and Applications – EEAI** at the Hotel San Francesco al Monte, Naples, Italy, is co-organised by the large-scale KDT JU EdgeAI project in cooperation with the CLEVER, REBECCA, TRISTAN, NEUROKIT2E, LoLiPoP IoT, SMARTY, dAIEDGE, SMARTEDGE, EdgeAI-Trust, AIMS5.0, SC4EU projects to provide a platform to exchange knowledge and ideas among experts and professionals interested in advances in AI circuits and device design, AI hardware architectures, industrial edge AI technologies, toolchains, and applications.

The conference addresses the edge AI foundations, applications, algorithms, software, communication networks, and systems. It allows showcasing the latest advancements in these areas, providing an arena for debating/identifying future directions and challenges. The program spans three days, with a plenary session starting each day and parallel sessions covering four to six topics daily.

The event welcomes representatives for academia, researchers, and industry practitioners to exchange the latest fundamental advances in the state of the art and practice of edge AI technologies and applications, identify emerging research topics, and define the future of edge AI research and innovation.

Click here to Register

More information is available on the EEAI 2025 Conference website at: https://edge-ai-tech.eu/conference-homepage-2025/



EDGE AI Newsletter

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https://edge-ai-tech.eu/

EdgeAI

@EdgeAI

EdgeAI Key Facts

Start: 01 December 2022

Duration: 43 months

Budget: 35,43 M€

Coordinator: SINTEF AS

Consortium: 48 partners

Consortium

SINTEF, Infineon, ams OSRAM, SoftwareCUBE, TU Wien, imec, NXP, GNT, NEURO Controls, COGNITION FACTORY, IMST, Universität zu Lübeck, scm group, ST life.augmented, Vranken Pommery, TECHNEXT, cea, Grenoble INP UGA, Université de Reims Champagne-Ardenne, cnrs, Université Polytechnique Hauts-de-France, Χαροκοπειο Πανεπιστημιο Harokopio University, HTS High Technology Systems, Intelligent Machines IoT & Cyber Physical Systems DeepSensing S.R.L., Xtremion, Università degli Studi di Cagliari, Alma Mater Studiorum Università di Bologna, Università degli Studi di Milano, Elektronikas un datorzinātnu institūts Institute of Electronics and Computer Science, signify, Technolution, almende, TU/e, Fredrikstad energi, NxtEnergy, PROLUX, nxtech, itml innovation applied, Convergence, SynSense

Disclaimer

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