

SPECIAL CALL FOR PAPERS

04 – 06.11.2025 ANAHEIM | USA

The **embedded world Exhibition & Conference** is the world's premier event for the embedded systems industry. It brings together researchers and developers, industry and academia from all disciplines of the embedded systems ecosystem and drives the evolution of complex systems of systems and its manifold innovative aspects.

The **embedded world North America Conference in collaboration with the CHERI Alliance** is calling for proposals for a special CHERI technology session.

The CHERI Alliance is a non-profit organization bringing together researchers and industry leaders to drive the adoption of the CHERI (Capability Hardware Enhanced RISC Instructions) security technology. With a strong focus on real-world application, the Alliance works to bridge the gap between cutting-edge research and industry needs, enabling more secure and resilient computing systems.



CHERI

The **special CHERI session topics** will provide an overview of memory safety and the applications of CHERI technology. The special topics of the CHERI session include:

- Implementation of CHERI technology and products integrating CHERI, including hardware, software or tools, or integration of various components into computing systems
- Efforts in standardization, interoperability, compatibility, and convergence of different approaches
- Case studies of CHERI technology deployment, or integration into systems, including performance evaluations, cost analyses, and the impact of adoption
- Technical innovation and research around memory safety and CHERI
- Business and strategic considerations, including market opportunities, business models, policy and governance, and the economic impact of security-by-design
- Emerging trends in secure computing and how CHERI can support or be integrated into them, including studies on adoption challenges and opportunities

 <https://www.embedded-world-na.com/special-cfps>

CONTACT | CHERI Alliance, ew-na2025@cheri-alliance.org

Important dates | Submission until **25 July 2025**, selecting the topic "11.06 CHERI Alliance". Authors will be notified by early September 2025.