CHERITech'26
CONFERENCE

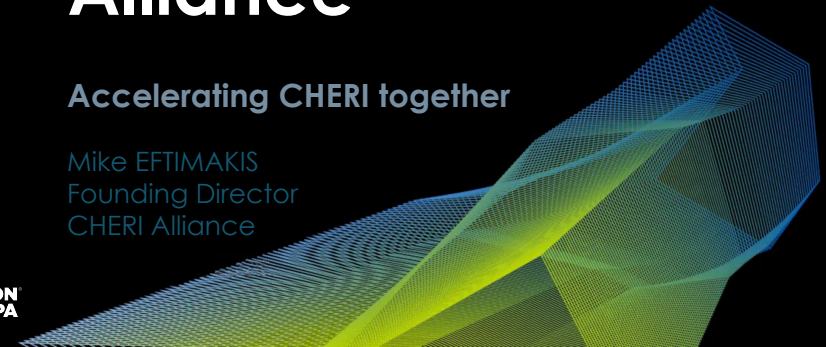
CHERI

12–13 Nov 2026
Munich, DE

Progress of the Alliance

Accelerating CHERI together

Mike EFTIMAKIS
Founding Director
CHERI Alliance



Located at semi | SEMICON EUROPA

Agenda

- About the CHERI Alliance
- Activity

About the CHERI Alliance



The CHERI Alliance – who we are

- Mission: **accelerate global CHERI adoption**
- Non-profit, independent
- Founded in 2024
- Bring together
  - Industry
  - Research
  - Government
  - Communities, partners

- Industry financed

- With the support of



Department for Digital, Culture, Media & Sport

CHERI Alliance members

Industry / govt



CHERI Alliance members

Research / Universities





























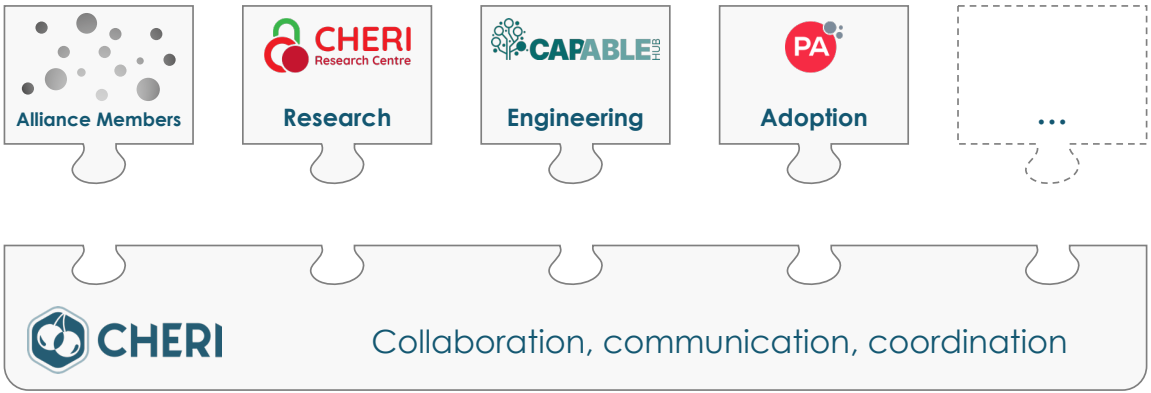








Orchestrating the CHERI ecosystem



The CHERI Alliance stimulates CHERI adoption

Technical

- Guidance, best practices
- Tech enablement (code, examples…)
- Interoperability, compliance



Community support

- Open-source software support
- Platform for collaboration
- Education, networking

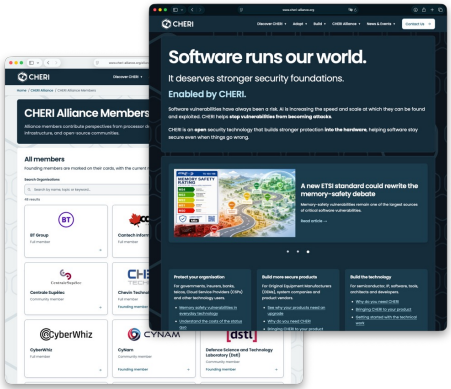
Promotion

- Technical & marketing info
- Media
- Policymakers, regulation

Activity



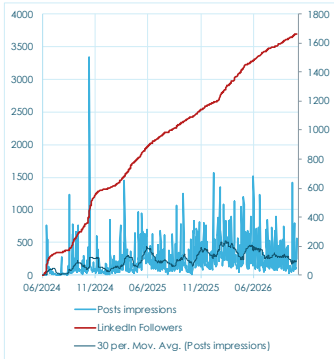
Online promotion



LinkedIn

YouTube

mastodon



Working Groups

✅	**Certification Program**	Mike Eftimakis	CHERI Alliance
C	**CHERI C/C++**	David Chisnall	SCI Semi
FREE	**CHERI FreeRTOS**	Oliver Gray	Codasip
⬛	**CHERI in SoC**	Ben Fletcher	Codasip
🐧	**CHERI Linux**	Allison Randal	Capabilities Ltd
🐳	**CHERI QEMU**	Alfredo Mazzinghi	Capabilities Ltd
🧐	**CHERI Research**	Jon Woodruff	University of Cambridge
4	**CHERI seL4**	Hesham Almatary	Capabilities Ltd
🤖	**CHERI Virtual Machines**	Jeremy Singer	Glasgow University

🪁	**CHERI Zephyr**	Jennifer Jackson	Birmingham University
📣	**Marketing**	Adam Finney	CHERI Alliance
👮	**MMU-less systems**	Murali Vijayaraghavan	Google
🛠️	**OS Support & Portability**	Brooks Davis	SRI
🪪	**Promotion & Ambassador Program**	Mike Eftimakis	CHERI Alliance
💾	**Repository Management**	Marno van der Maas	lowRISC
⚙️	**Rust + CHERI**	Edoardo Marangoni Sarah Harris	SCI Semi University of Kent
📋	**Safety + CHERI**	Maricel Ventura Thierno Sene	Codasip

Organizing conferences

- 2 conferences / year
  - CHERI Blossoms Conference
  - CHERITech Conference











Next CHERI Alliance event



- **CHERI Blossoms Conference 2027**
  - University of Cambridge
  - 22-23 April 2027
  - Pre-conference tutorial day 21 April



Register for free

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CHERI

THANK YOU

Contact mike.eftimakis@cheri-alliance.org

Web www.cheri-alliance.org

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