

26 March 2026



Progress of the Alliance

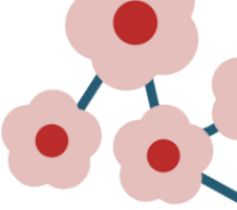
Accelerating CHERI together

Mike EFTIMAKIS
Founding Director – CHERI Alliance

○ Agenda

- ◆ About us
- ◆ Activity
- ◆ Certification program

About us



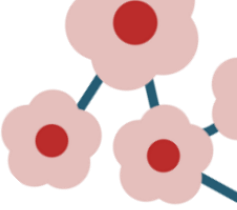
○ The CHERI Alliance – who we are

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

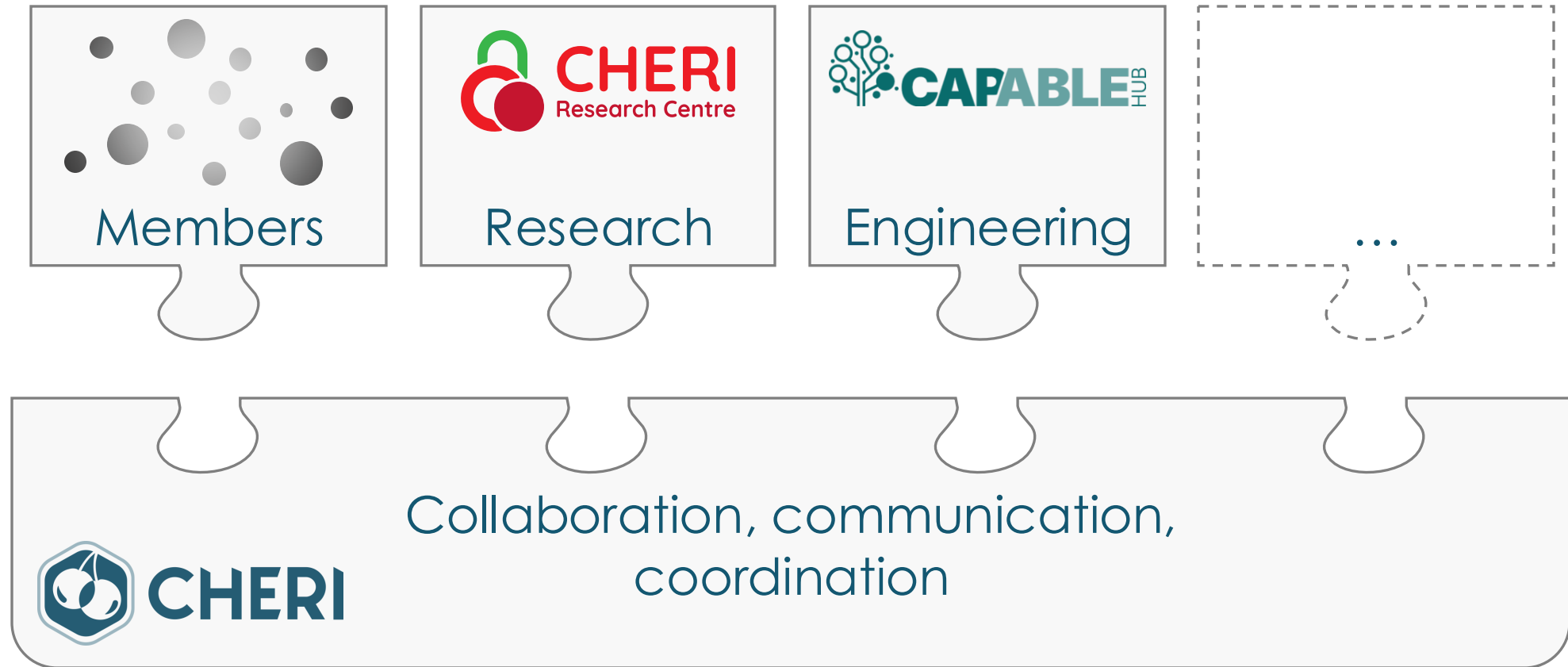
- ◆ Industry financed
- ◆ With the support of



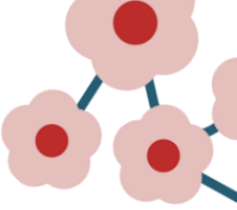
Department for
Science, Innovation
& Technology



○ A collaborative platform



○ The CHERI Alliance stimulates CHERI adoption



Technical

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



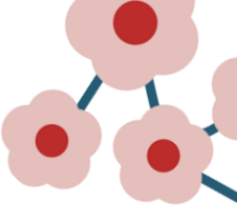
Community support

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



Promotion

- Technical & marketing info
- Media
- Policymakers, regulation



○ A members-led organization

- ◆ 2 types of members
 - ◆ Full
 - ◆ Community
- ◆ Governing board
 - ◆ Elected by members
 - ◆ Renew ½ board each year



Mike Effimakis
Codasip / ChERI Alliance



Gavin Ferris
lowRISC / Common AI



Mike Halsall
Emerging Tech Radar



Simon Moore
University of Cambridge



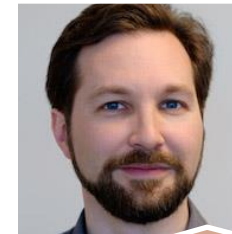
Allison Randal
Capabilities Ltd



Alex Richardson
Google



Paul Waller
NCSC



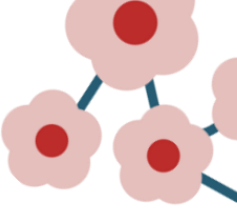
Robert Watson
University of Cambridge



○ Elections coming soon!

- ◆ 4 new seats
 - ◆ 3 for Full Members
 - ◆ 1 for Community Members
- ◆ Vote in June
- ◆ Apply now!
 - ◆ elections@cheri-alliance.org





○ Alliance leadership & operations

Mike Effimakis
• Management
• Operations
• ...



Dan Sullivan
• Web
• Admin
• ...



André Skarzynski
• IT



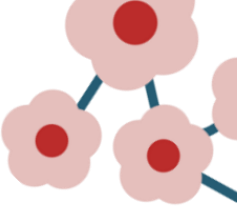
Adam Finney
• Marketing
• Adoption study



Jessica Figueras
• Strategic member engagement



Activity



○ New members since last CHERI Blossoms

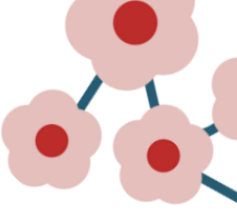








○ Helping development of CHERI









- ◆ Morello boards
 - ◆ Designed by Arm
 - ◆ Funded by DSbD program
- ◆ Allocated by the Alliance
- ◆ Contact us!
 - ◆ cheri-alliance.org/discover-cheri/cheri-products/morello/



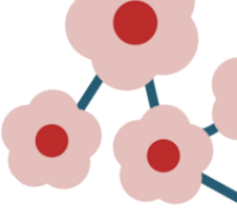
Working groups



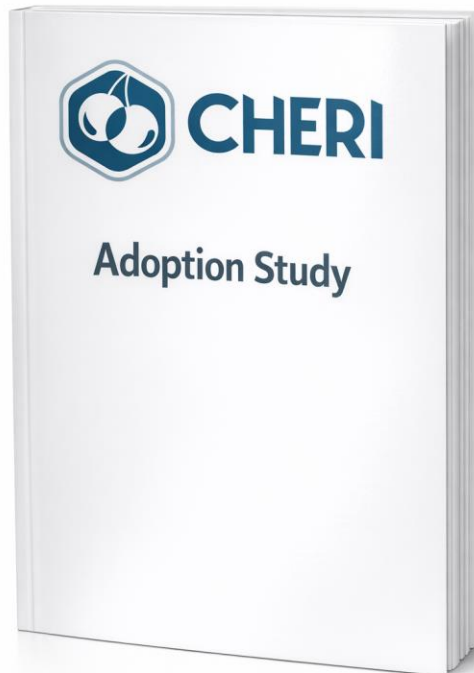
	Certification Program	Mike Effimakis	CHERI Alliance
	CHERI C/C++	David Chisnall	SCI Semi
	CHERI FreeRTOS	Oliver Gray	Codasip
	CHERI in SoC	Ben Fletcher	Codasip
	CHERI Linux	Allison Randal	Capabilifles Ltd
	CHERI QEMU	Alfredo Mazinghi	Capabilifles Ltd
	CHERI seL4	Hesham Almatary	Capabilifles Ltd
	CHERI 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 Effimakis	CHERI Alliance
	Repository Management	Mamo van der Maas	lowRISC
	Rust + CHERI	Edoardo Marangoni Sarah Harris	SCI Semi University of Kent
	Safety + CHERI	Maricel Ventura Thiemo Sene	Codasip

○ CHERI Adoption Study



Department for
Science, Innovation
& Technology



- ◆ Study sponsored by DSIT
 - ◆ Performed by the Alliance
 - ◆ Combine desk research / interviews
 - ◆ Aggregated / anonymized confidential data
- ◆ Imminent publication
- ◆ Cf presentation later today

○ Marketing activities

◆ Collaboration

- ◆ Co-develop / share content
- ◆ Amplify member news
- ◆ Members representing the Alliance

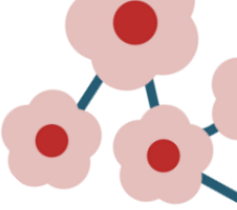
◆ Improving

- ◆ Website rework
- ◆ Internal communication
- ◆ Collect feedback



Ambassadors





○ Events

CHERI Alliance events

- ◆ CHERITech
- ◆ CHERI Blossoms

Other events

- ◆ Partnership with



- ◆ Presented in many other conferences / exhibitions



○ Next CHERI Alliance events

◆ **CHERITech'26**

- ◆ Munich
- ◆ 12-13 Nov 2026

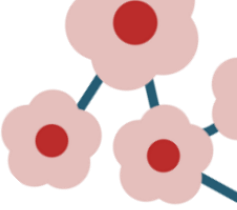
◆ **CHERI Blossoms Conference 2027**

- ◆ Cambridge
- ◆ 22-23 April 2027
- ◆ Pre-conference tutorial day 21 April





Certification program



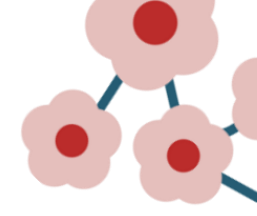
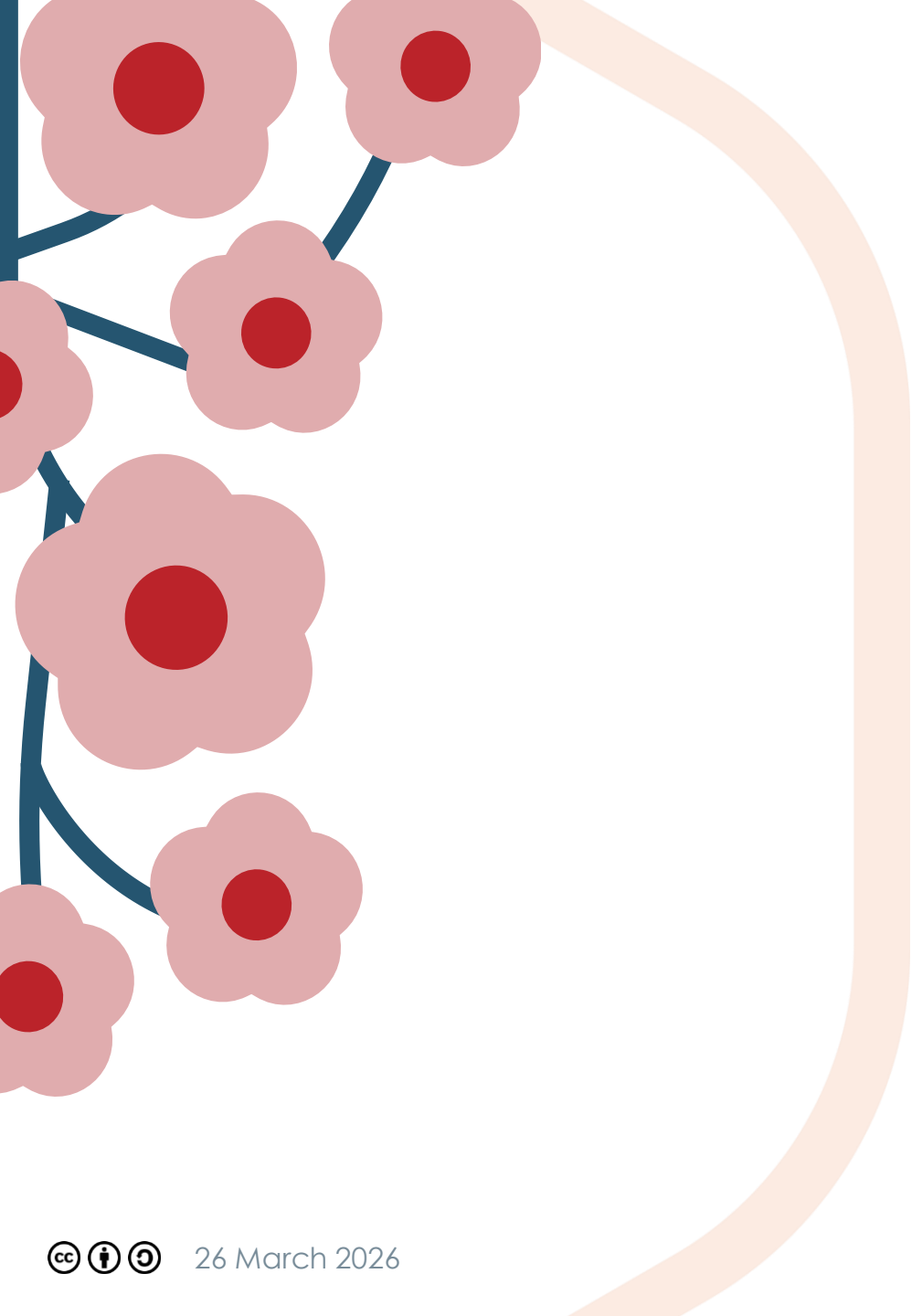
○ Certification program

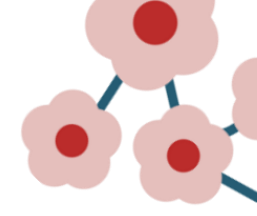
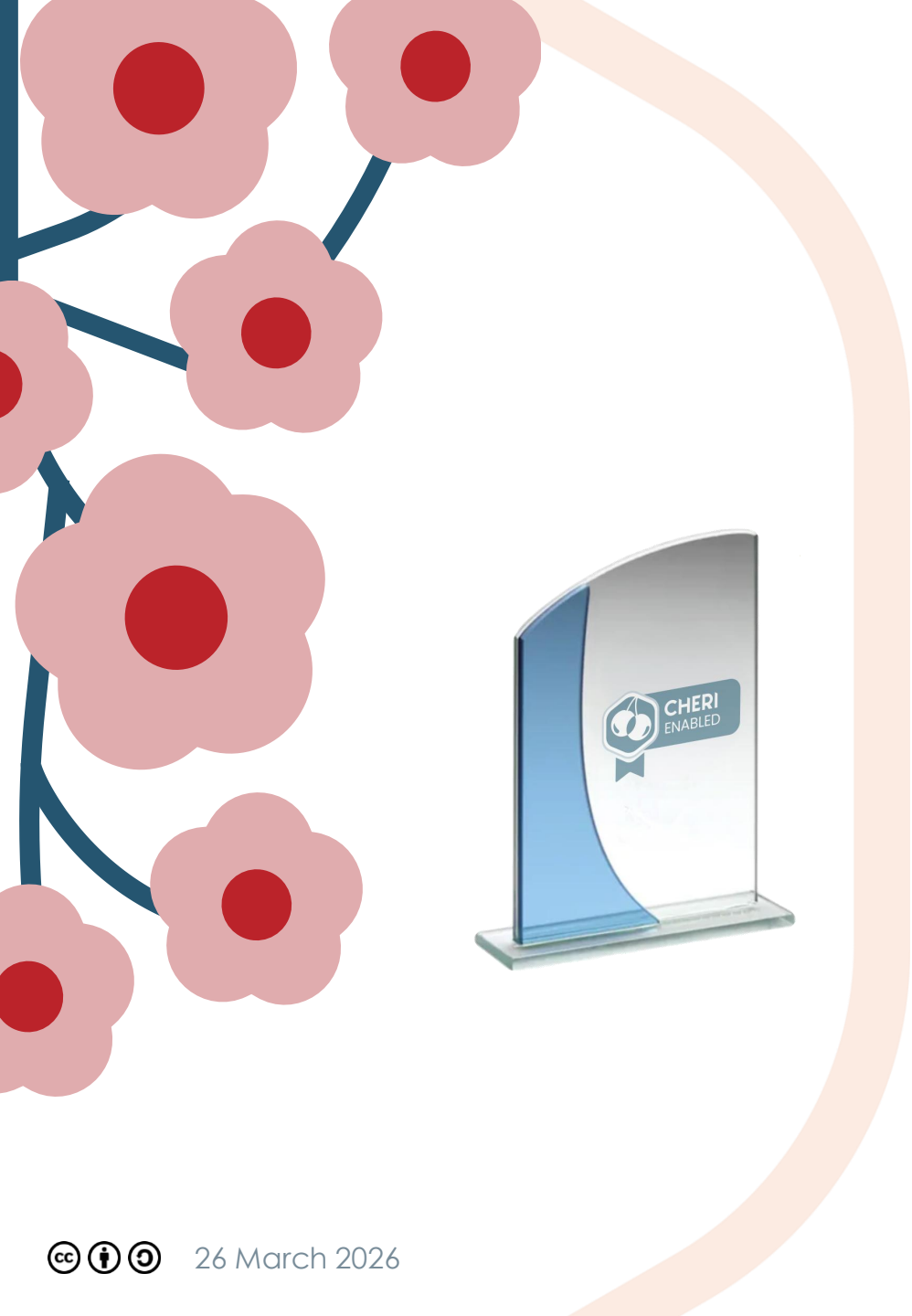
- ◆ Highlight "real" CHERI products
- ◆ Ensure compatibility
- ◆ Provide guidance

- ◆ Not a security assessment



cheri-alliance.org/cheri-enabled





First



products!



Codalip X730

application processor IP

Microsoft CHERIoT-Ibex

embedded processor IP



CHERI

THANK YOU

Contact contact@cheri-alliance.org

Web www.cheri-alliance.org