HiPEAC

High Performance, Edge And Cloud computing

Challenges and objectives

HiPEAC aims to **catalyse and strengthen** the **European computing ecosystem** that undergirds the **digital transformation of Europe**.

It **guides future research and development** across **edge, cloud and high-performance computing** through **technical roadmaps**.

It also **brings the computing ecosystem together** in **networking activities** that help **drive forward computing and systems in Europe**, and works to **align the research and development blueprints** of related initiatives.

Goals

HiPEAC's objectives are as follows:

- Ecosystem building through **networking**, for example through the **HiPEAC conference** and **ACACES summer school**.
- Advancing research through **roadmapping**: the **HiPEAC Vision**.
- Stimulating innovation through **value network creation**.
- Collaboration through **partnership coordination**.
- **Policy** development.
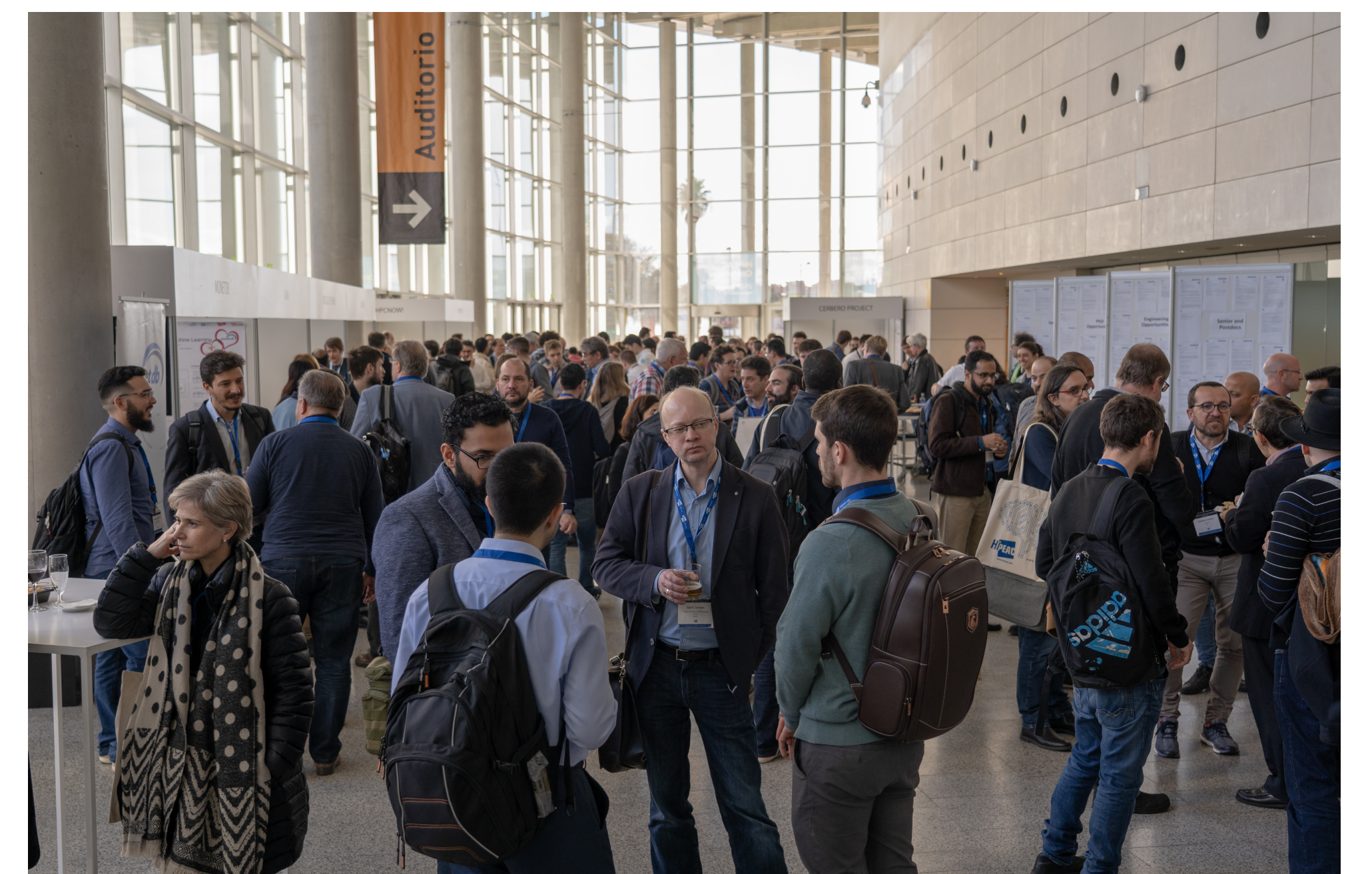- Coherent **dissemination**.

Impact

- Increased **industry-academia collaboration**, reducing **fragmentation in Europe**.

- **Strengthening the European computing and systems ecosystem's competitiveness** by providing a **strategic research and innovation vision** for the next **five to 10 years**.

- Building a **shared, long-lasting understanding** of **European computing and systems initiatives**, and how these link to **digital and green policy** objectives.

- Endow the European research community, as well as Europe's computing and system industry, with a **common framework** to set **shared policy, research and industry goals**.

- Help the EU build the necessary **computing and infrastructure capability** to create a **data-powered European economy**.

- Contribute to the **realization of Europe's green research and innovation investments** under the **European Green Deal.**

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Next event

HiPEAC 2025
20-22 January 2025
Barcelona
hipeac.net/conference