European **R**esearch **C**onsortium for **I**nformatics and **M**athematics

January 2025

ERCIM
European Research Consortium
for Informatics and Mathematics

Contributing to a leading role of Europe in ICT:

- by building a European-wide, open network of centres of excellence in ICT.

- by excelling in research and by acting as a bridge to applications.

- by being internationally recognized as a major representative organisation in its field; the portal which gives access to all relevant ICT research groups in Europe.

- by acting as an interface for the non-EU member institutions within the European Community and other international organisations.

- by cooperating with other international organisations in its field.

- by promoting cooperation in research, technology transfer, innovation and training.

**Thus creating added value for its members,
for their countries and for Europe.**

The **ERCIM community** is supported by a **Consortium of two bodies:**

ERCIM AISBL, an international non-profit association under Belgian law, carrying on the activities of ERCIM concerning collaborative research, networking, and support.

ERCIM EEIG, the European Economic Interest Grouping, the European Economic Interest Grouping, responsible for managing the ERCIM Office and hosting the W3C European Host.

ERCIM is a consortium of leading European research institutions committed to information technology and applied mathematics.

Member	Country	Size*	Member since
CNR	Italy	250	1991
CWI	The Netherlands	200	1989 (founding member)
Fraunhofer (ICT)	Germany	1750	1989 (founding member, formerly GMD)
FNR	Luxembourg	150	2002
☀ FORTH (ICS)	Greece	200	2000
☀ Inria	France	1800	1989 (founding member)
INESC TEC	Portugal	800	2012
ISI	Greece	50	2008
ITIS-UMA	Spain	150	2023
NTNU	Norway	800	2002
RISE	Sweden	110	1992
SBA	Austria	50	2013
SZTAKI	Hungary	350	1994
UCY	Cyprus	100	2011
UWAW	Poland	250	2007

* estimated staff (FTE) in areas relevant to ERCIM

☀ Members of ERCIM EEIG

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New members welcome!

Benefits of ERCIM AISBL Membership

- **International Recognition**
  Esteemed as a leading ICT R&D centre within a European network of excellence.

- **Strategic Influence**
  Shape European and national ICT R&D policies through collaborative initiatives.

- **Exclusive Access**
  Engage with standardisation bodies like W3C, ETSI, and other strategic partners.

- **Opportunities to Participate**
  Join high-impact projects, committees, and boards influencing ICT strategy.

- **Extensive Networking**
  Connect with over 10,000 research professionals and establish valuable contacts at bi-annual meetings.

- **Professional Development & Visibility**
  Enhance staff growth through mobility programs and gain publicity via ERCIM's platforms.

ERCIM AISBL President
Björn Levin
> RISE-SICS, Sweden

ERCIM EEIG President
Bruno Sportisse
> President of Inria, France

ERCIM Office
Manager: Dominique Hazaël-Massieux

ERCIM considers it a high priority to develop cooperation with scientists all over the world. ERCIM:

- Is the European partner of the World Wide Web Consortium

- participates in EU activities

- has established contacts/cooperation with

  - Informatics Europe

  - ACM Europe

  - ETSI, the European Telecommunications Standards Institute

  - European Science Foundation

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With a pool of IT experts from many European institutes, ERCIM has carried out:

- Evaluations for the World Bank's INFODEV Programme

- Promotion activity for the EU IST Programme in Latin America

- Organization of strategic workshops

- Studies for the EC

- Consultancy in research project management.

ERCIM, the European Partner of W3C

ERCIM EEIG hosted the European headquarters of W3C in January 2003

Two of the European Chapters are currently based at ERCIM institutes, namely at FORTH (Greece) and SZTAKI (Hungary).

Originally, W3C Offices were located at the ERCIM institutes CWI, Fraunhofer-Gesellschaft, FORTH, SZTAKI, CNR, RISE/SICS and STFC).

Present Links with W3C

- ERCIM members involved in Internet/Web research

- Participation in W3C working groups

- Three ERCIM members host W3C Chapters

- Joint participation in EU projects.

Potential for the Future

- ERCIM: research in Web technologies

- W3C: technology transfer and Web standards adoption by EU industry

- Broader base in Europe for W3C

- Increased European participation in Web standardisation

- W3C – ERCIM joint Horizon Europe projects.

ERCIM participates in research projects as coordinator or partner

Scientific activities: carried out by ERCIM members

Administrative tasks: carried out by the ERCIM office.

Through ERCIM, our member institutes have participated in more than 120 EU-funded projects

Current/recent projects include:

- NEPHELE - Future European platforms for the Edge -A lightweight software stack and synergetic meta-orchestration framework for the next generation compute continuum
- SMARTEDGE - Semantic Low-code Programming Tools for Edge Intelligence
- GLACIATION – Using emerging digital technologies to provide services for green and privacy preserving data operations across the edge-to-cloud architecture.

See https://www.ercim.eu/activity/projects

Latest report:

Towards a Shared AI Strategy for European Digital Science Institutes and Organisations

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Working Groups

❑ **Computational and Methodological Statistics**
❑ **Dependable Software-Intensive Embedded Systems**
❑ **Ethics – Beyond Compliance**
❑ **Formal Methods for Industrial Critical Systems**
❑ **Image and Video Understanding (MUSCLE)**
❑ **Security and Trust Management**

- Organise workshops

- Prepare common projects

- Receive fellows from ERCIM's fellowship programme

- Are entitled to financial support

Postdoctoral Fellowship Programme

- Open to PhDs, world-wide
- Over 750 fellowships awarded since 1990
- 12 months duration at an ERCIM institute (with possible extension)
- Includes exchange programme for a short
  visit in a second ERCIM institute (Research Exchange Programme)
- Competitive salary

"ERCIM has helped me not only in shaping my career with a global level exposure but also opened new avenues for a world class research and network opportunity. ERCIM is a masterpiece program in its own way and enables researchers to expand their arms for a bright and fun filled research experience.

Nishu GUPTA
Former ERCIM Fellow

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Cor Baayen Young Researcher Award

- awarded every year to a promising young researcher in computer science and applied mathematics.
- created in 1995 to honour the first ERCIM President.
- consists of a cheque for 5000 Euro together with an award certificate.

Latest Winners:

- 2024: Nicola Messina
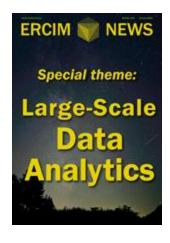- 2023: Rianne de Heide
- 2022: Fabio Carrara
- 2021: Tomasz Kociumaka

See: https://www.ercim.eu/human-capital/cor-baayen-award

- Quarterly magazine
- Free subscription
- Published in print and online
- Referenced by dblp
- Each issue features a special theme
- About 120 articles published per year

See: https://ercim-news.ercim.eu

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