# **E**uropean **R**esearch **C**onsortium
# for **I**nformatics and **M**athematics

**October 2019**

**30 YEARS** anniversary

**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.

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- 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.**

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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.

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# ERCIM
European Research Consortium
for Informatics and Mathematics

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

CNR

inesc

RISE

CWI
Centrum Wiskunde & Informatica

Ínria
Informatics mathematics

simula

Fonds National de la
Recherche Luxembourg

i.S.i.
Industrial Systems Institute

MTA SZTAKI

NTNU

UNIVERSITAS VARSOVIENSIS

Fraunhofer
IUK-TECHNOLOGIE

SBA Research

VTT

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## ERCIM
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| Member | Country | Size* | Member since |
|---|---|---|---|
| ☀ CNR (IT) | Italy | 250 | 1991 |
| CWI | The Netherlands | 200 | 1989 (founding member) |
| ☀ Fraunhofer (ICT) | Germany | 1750 | 1989 (founding member, formerly GMD) |
| FNR | Luxembourg | 150 | 2002 |
| ☀ FORTH (IT) | Greece | 200 | 2000 |
| ☀ Inria | France | 1800 | 1989 (founding member) |
| INESC | Portugal | 800 | 2012 |
| ISI | Greece | 50 | 2008 |
| NTNU | Norway | 800 | 2002 |
| RISE SICS | Sweden | 110 | 1992 |
| SBA | Austria | 50 | 2013 |
| SIMULA | Norway | 125 | 2019 |
| SZTAKI | Hungary | 350 | 1994 |
| UCY | Cyprus | 100 | 2011 |
| UWAW | Poland | 250 | 2007 |
| VTT (IT) | Finland | 400 | 1993 |

\* estimated staff (FTE) in areas relevant to ERCIM

☀ Members
of ERCIM EEIG

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**ERCIM AISBL President**
Jos Baeten
Director of CWI, The Netherlands

**ERCIM EEIG President**
Bruno Sportisse
President of Inria, France

**ERCIM Office**
Manager: Philipp Hoschka

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

- hosts the European branch of the World Wide Web Consortium

- participates in EU activities

- has established contacts/cooperation with

    - Informatics Europe

    - European Mathematical Society

    - ETSI, the European Telecommunications Standards Institute

    - European Science Foundation

    - EFICST

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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 (Beyond-The-Horizon, EU-Mediterranean co-operations, EU-US National Science Foundation strategic workshops, EU-India)
- Studies for the EC such as:  Cooperation in Grid research between EU and South East Asian countries;  Internet in the Mediterranean Region, Tunisian Research in IT, HPCN in the southern Mediterranean Region
- Consultancy in research project management.

# ERCIM, the European Host of W3C

- ERCIM EEIG became the European host of W3C in January 2003

**W3C Europe, Middle East and Africa**

- About 150 members

- Five of the European W3C Offices are based at ERCIM institutes, namely at CWI (Benelux); FORTH (Greece); Inria (France), SZTAKI (Hungary); and SICS (Sweden).

**Present Links with W3C**

- ERCIM members involved in Internet/Web research

- Participation in W3C working groups

- Five ERCIM members host national W3C Offices

- 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 H2020 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 90 EU-funded projects

## Current/recent projects include:

BigDataEurope, BlueBRIDGE, VRE4EIC, Special, Create-IOT, WAI-TOOLS, WAI-GUIDE etc.

## Past projects:

ABCDE, AXES, i-Marine, PaaSage, VOICES, WAI-ACT, WEBINOS, and many others.

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## Working Groups

- Blockchain Technology
- Computational and Methodological Statistics
- Dependable Software-Intensive Embedded Systems
- Formal Methods for Industrial Critical Systems
- Image and Video Understanding (MUSCLE)
- Many-Valued Logics
- Security and Trust Management
- Software Evolution
- Software Engineering for Resilient Systems

- Organise workshops

- Prepare common projects

- Receive fellows from ERCIM's fellowship programme

- Are entitled to financial support

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## Expert Groups

- ☐ **Big Data**
- ☐ **Security and Privacy**
- ☐ **Open Access**

- Are established on the initiative of the ERCIM Board to investigate current topics

- Limited period

- Produce strategic papers to coordinate relevant activities of common interest
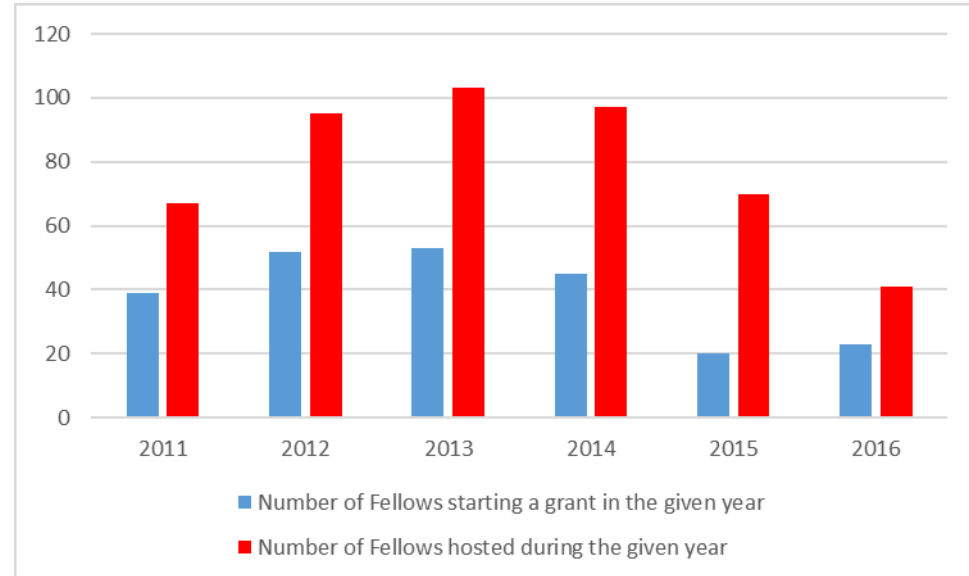
- Receive financial support

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## Postdoctoral Fellowship Programme

- Open to PhDs, world-wide
- Over 600 fellowships awarded since 1990
- 12 months duration at an ERCIM institute (with possible extension)
- Co-funded by the EC Marie-Curie Co-fund program from 2012-2015
- Includes exchange programme for a short visit in a second ERCIM institute (Research Exchange Programme)
- Competitive salary



Legend:
- ■ Number of Fellows starting a grant in the given year
- ■ Number of Fellows hosted during the given year

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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:

2019: Ninon Burgos and András Gilyén
2018: Martina Lindorfer
2017: Tim Baarslag
2016: Michał Pilipczuk
2015: Zuzana Kukelova
2014: Juan Reutter

## ERCIM News



- Quarterly magazine
- Free subscription
- Published in print (circulation 5000 copies) and online (+7600 subscribers)
- Referenced by dblp
- Each issue features a special theme
- About 120 articles published per year

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# ERCIM

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