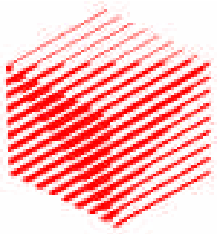# ERCIM

European Research Consortium
for Informatics and Mathematics

European

Research

Consortium for

Informatics and

Mathematics

ERCIM
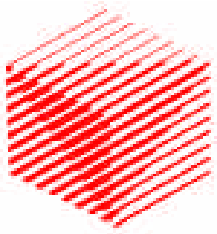
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Members

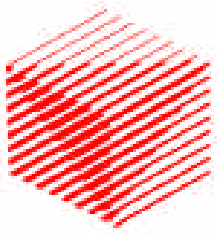| Member	Country	Size*	Member since
INRIA	France	2100	1989 (founding member)
GMD	Germany	1250	1989 (founding member)
CNR	Italy	800	1991
SARIT	Switzerland	800	1994
SICS	Sweden	350	1992
SZTAKI	Hungary	350	1994
CLRC	United Kingdom	290	1990
CRCIM	Czech Republic	250	1996
CWI	The Netherlands	210	1989 (founding member)
VTT	Finland	200	1998
SRCIM	Slovakia	180	1998
FORTH	Greece	160	1992
TCD	Ireland	150	2000
DANIT	Denmark	80	1996
Total		7170	

* estimated staff in areas relevant to ERCIM

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Objectives (1)

- To develop a common policy to strengthen the European Union in the areas of information technology and applied mathematics

- To have a significant impact on European research programmes in IT and applied mathematics

- To identify key research areas for the future development of IT in Europe

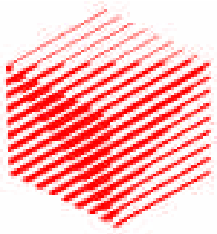- To act as an interface towards the EC and other international organisations

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Objectives (2)

- To organise joint participation in international projects

- To promote research programmes and projects

- To pool resources and technical/scientific know-how to strengthen the European position in research and the transfer of innovation.
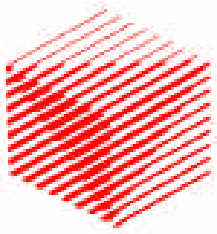
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Working Groups

- **Constraints**
- **Control and System Theory**
- **Databases**
- **Digital Libraries**
- **Distance Learning**
- **Electronic Commerce**
- **Environmental Modelling**
- **Formal Methods for Industrial Critical Applications**
- **Health and Information Technology**
- **Programming Languages**
- **User Interfaces for All**

- Organize workshops

- Prepare common projects (DELOS, DECAIR,...)

- Receive fellows from ERCIM's fellowship programme

- Entitled to financial support
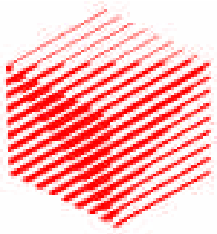
**ERCIM participates in research projects
as co-ordinator or partner**

Scientific activities: carried out by ERCIM members

Administrative tasks: carried out by the ERCIM office.

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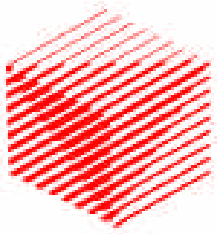for Informatics and Mathematics

Current projects

Esimeau, Thetis, Simes, MtoM3D, Crucid, Decair, Infodev, Alcom, Quantum, DELOS Thematic network, Anfas, C-Web, EU-NSF co-operation

Past projects

Aquarelle, Discipl, EU-China HPCN Initiative ...

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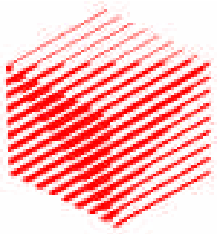for Informatics and Mathematics

European partners only

- **DECAIR** - Development of an earth observation data converter with application to air quality forecast
- **THETIS** - A data management and data visualisation system for supporting coastal zone management for the Mediterranean sea
- **QUANTUM** - Quality Network Technology for User-Oriented Multi-media
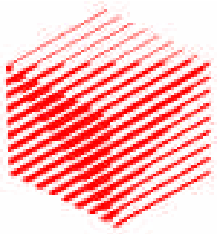- **C-WEB** - A generic platform supporting community web

European and Mediterranean partners

- **ESIMEAU** - Information technologies for water resources management and modelling in semi-arid areas
- **CruCID** - Flood modelling using HPC
- **MtoM3D** - Made-to-measure garments, 2D/3D approach
- **SIMES** - Multimedia information system for the sub-Saharan environment
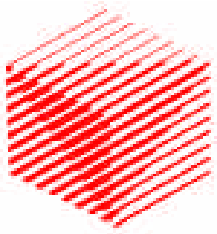
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Europe and partners from other countries

- **DELOS** - A network of excellence on digital libraries
- **ALCOM** - Promotion activity for the EU IST Programme in Latin America
- **ANFAS** - Data fusion for flood analysis and decision support
- **INFODEV** - Evaluations for the WorldBank's INFODEV Programme
- **NSF-EC Workshops** - NSF- EC understanding of co-operation in information technologies
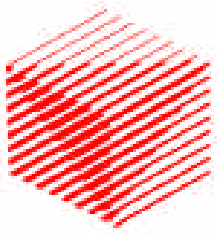
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Expertise

With a pool of IT experts from 14 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 (EU-Mediterranean co-operations, EU-US National Science Foundation strategic workshops)
- Studies for the EU (Examples: Internet in the Mediterranean Region, Tunisian Research in IT, HPCN in the southern Mediterranean Region)
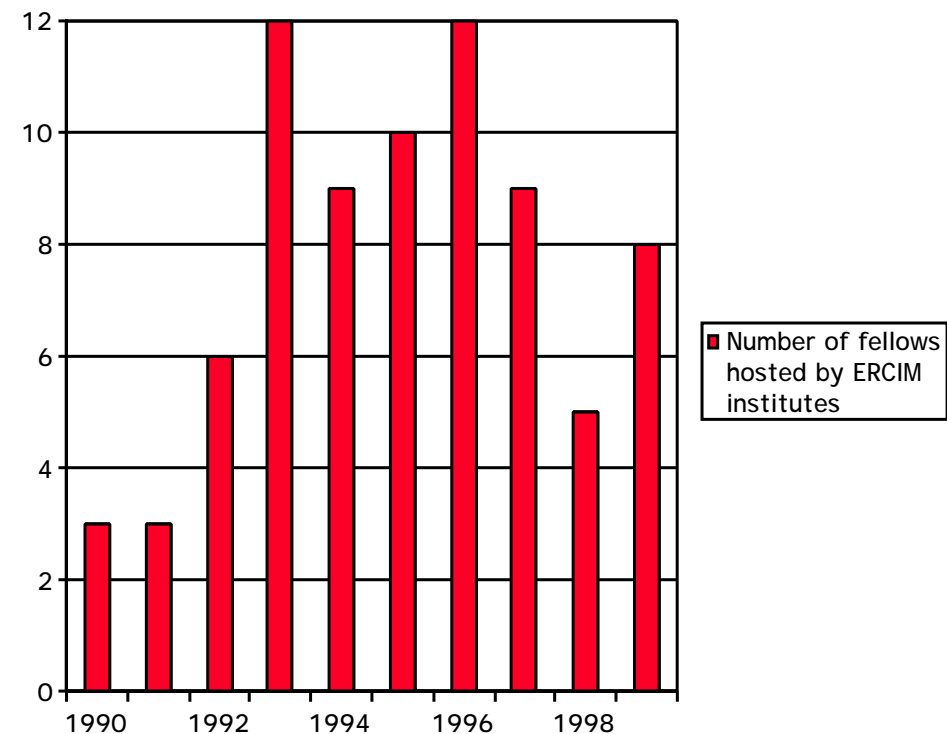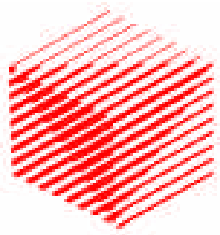- Expertise in research project management

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Fellowship Programme

- **Open to approx. ten young scientists per year, world-wide**
- **77 fellowships awarded since 1990**
- **Eighteen months residency at two ERCIM institutes**
- **Focuses on topics defined by the ERCIM working groups**

Number of fellows hosted by ERCIM institutes

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For further information

ERCIM Website
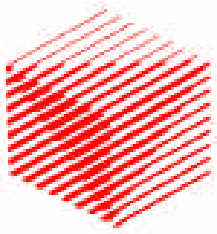**http://www.ercim.org/**

ERCIM News
quarterly magazine (free subscription)

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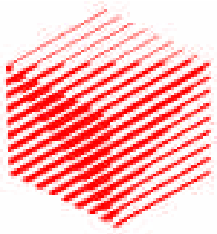
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How ERCIM institutes participate in EU Programmes

- execution of projects
  - management
  - research
- preparation
  - working groups
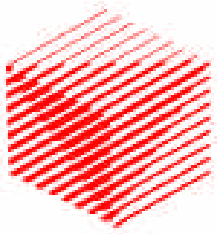- evaluation
- via ERCIM projects

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Why do ERCIM institutes participate in EU Programmes

- funding
- industrial co-operations
  - technology transfer
- international co-operations
- established framework of
  - rules and
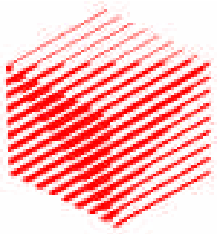 - procedures
- Institutes are also users of IT

How to Participate in EU Programmes

- Get as much Information as possible
  - WWW-Server of European Commission
  - Information/Proposers Days
  - Annual Conferences (EITC/IST in November)
  - Project Synopsis
- Join a proposal in preparation
  - Your Contribution/added value must be substantial
  - rely on your traditional European partners / or establish relations with your natural EU partners

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Life Cycle of Projects

- Submission of Proposal
- Evaluation
- Contract
- (Annual) Reports
- Dissimination/Exploitation of Results