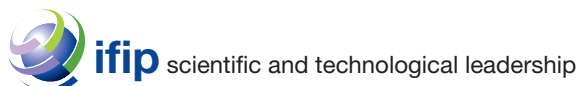
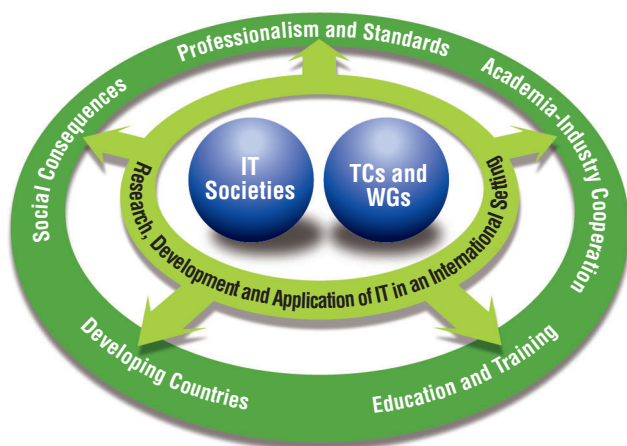




- IT societies members find a meeting place for sharing experience, and discussing challenges and opportunities
- TCs and WGs contribute to, and often lead, progresses in the state-of-knowledge and state-of-the-art



- is warranted by WG membership, based solely on individual excellence
- is asserted by the organisation of some 100 highest quality international events, and the publication of some 30 new books annually that are distributed worldwide



Members

IT Societies from 55 countries or regions

Andorra	Finland	Oman
Argentina	France	Poland
Australia	Germany	Portugal
Austria	Greece	Russia
Belgium	Hungary	Singapore
Botswana	Iceland	Slovakia
Brazil	India	Slovenia
Bulgaria	Ireland	South Africa
Canada	Italy	Spain
Chile	Japan	Sri Lanka
China	Korea	Sweden
CLEI	Lithuania	Switzerland
Croatia	Malaysia	Syria
Cyprus	Mauritius	Thailand
Czech Republic	Netherlands	United Kingdom
Denmark	New Zealand	USA based / ACM
Egypt	Nigeria	USA based / IEEE
Ethiopia	Norway	Zambia
		Zimbabwe

Affiliate IT international or regional organisations

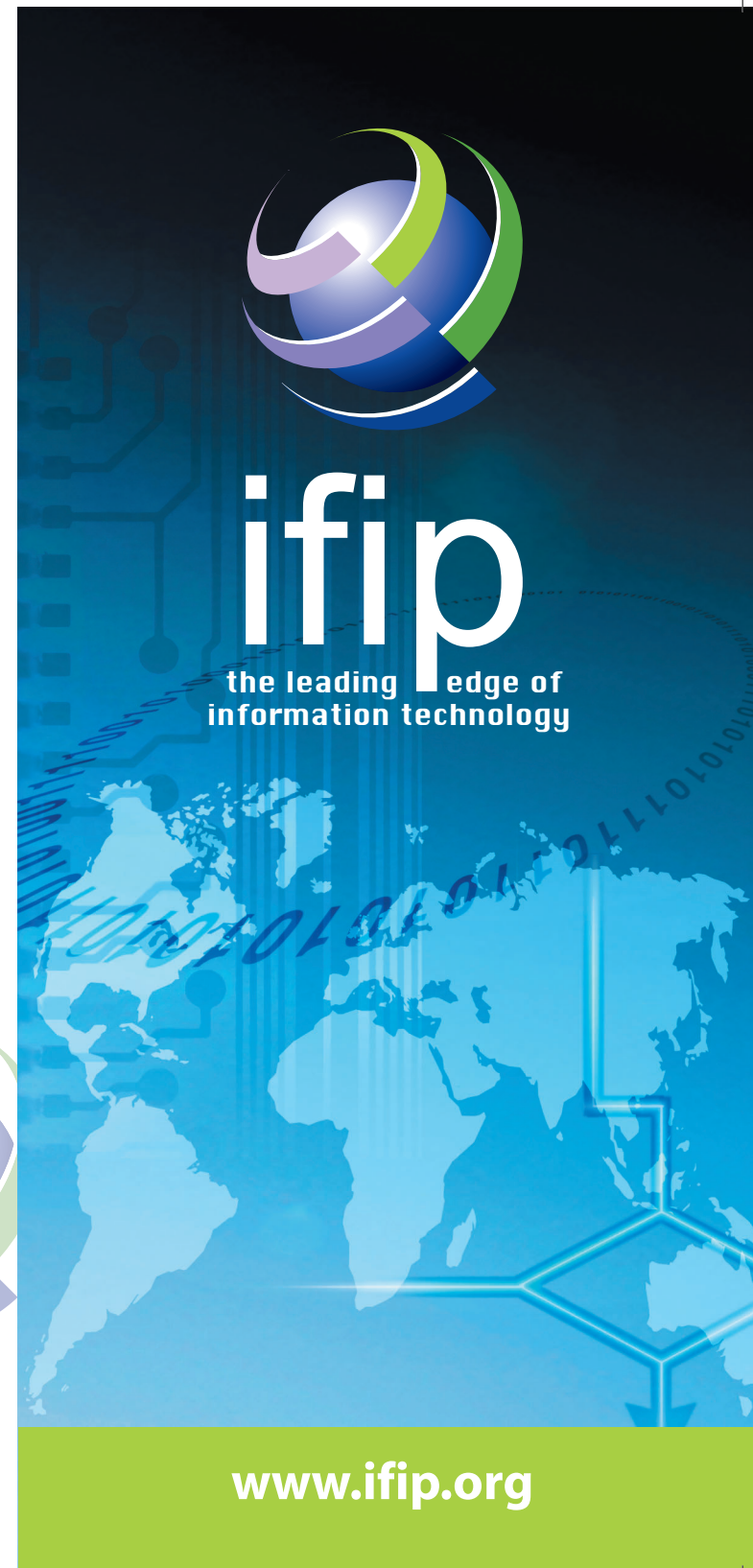
CEPIS	IASC	INFORMS
FACE	IJCAI	SEARCC
IAPR	IMIA	VLDB

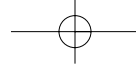
How to get involved?

Visit the IFIP web site (www.ifip.org), where you will find links to your Member Society and to the Working Groups of IFIP. You may also contact the IFIP Secretariat directly:

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 A-2361 Laxenburg, Austria
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 E-mail: ifip@ifip.org
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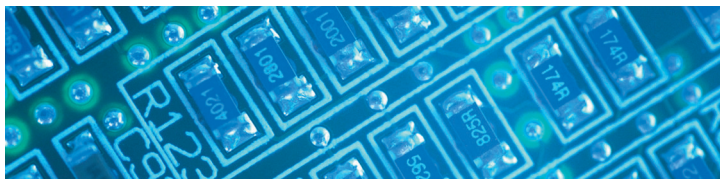




ifip, The International Federation for Information Processing is a non-governmental, nonprofit umbrella organisation of national societies working in the field of Information Technology. It was established in 1960 under the auspices of UNESCO as a result of the first World Computer Congress held in Paris in 1959.



- Is the leading multinational, apolitical organisation in Information & Communications Technologies and Sciences, recognised by United Nations and other world bodies
- Represents **IT Societies** from 55 countries or regions, covering all 5 continents with a total membership of over half a million
- Links more than 3500 scientists from Academia and Industry, organised in 97 **Working Groups** reporting to 13 **Technical Committees**
- Sponsors 100 conferences yearly providing unparalleled coverage from theoretical informatics to the relationship between informatics and society including hardware and software technologies, and networked information systems



Technical Committees (TC) and Working Groups (WG)

TC1: Foundations of Computer Science

- WG 1.1 *Continuous Algorithms and Complexity*
- WG 1.2 *Descriptive Complexity*
- WG 1.3 *Foundations of System Specification*
- WG 1.4 *Computational Learning Theory*
- WG 1.6 *Term Rewriting*
- WG 1.7 *Theoretical Foundations of Security Analysis and Design*
- WG 1.8 *Concurrency Theory*

TC 2: Software: Theory and Practice

- WG 2.1 *Algorithmic Languages and Calculi*
- WG 2.2 *Formal Description of Programming Concepts*
- WG 2.3 *Programming Methodology*
- WG 2.4 *Software Implementation Technology*
- WG 2.5 *Numerical Software*
- WG 2.6 *Database*
- WG 2.7 (= WG 13.4) *User Interface Engineering*
- WG 2.8 *Functional Programming*
- WG 2.9 *Software Requirements Engineering*
- WG 2.10 *Software Architecture*
- WG 2.11 *Program Generation*
- WG 2.12 (= WG 12.4) *Web Semantics*

TC 3: Education

- WG 3.1 *Informatics and ICT in Secondary Education*
- WG 3.2 *Informatics and ICT in Higher Education*
- WG 3.3 *Research on Education Applications of Information Technologies*
- WG 3.4 *T-Professional and Vocational Education in IT*
- WG 3.5 *Informatics in Elementary Education*
- WG 3.6 *Distance Learning*
- WG 3.7 *Information Technology in Educational Management*
- SIG 3.8 *Lifelong Learning*

TC 5: Computer Applications in Technology

- WG 5.2 *Computer-Aided Design*
- WG 5.3 *Computer-Aided Manufacturing*
- WG 5.5 *Cooperation Infrastructure for Virtual Enterprises and electronic business (COVE)*
- WG 5.6 *Maritime Industries*
- WG 5.7 *Integration in Production Management*
- WG 5.10 *Computer Graphics and Virtual Worlds*
- WG 5.11 *Computers and Environment*
- WG 5.12 *Architectures for Enterprise Integration*
- SIG-CAI *Computer Aided Innovation*
- SIG *Bioinformatics*

TC 6: Communication Systems

- WG 6.1 *Architectures and Protocols for Distributed Systems*
- WG 6.2 *Network and Internetwork Architectures*
- WG 6.3 *Performance of Communication Systems*
- WG 6.4 *Internet Applications Engineering*
- WG 6.6 *Management of Networks and Distributed Systems*
- WG 6.7 *Smart Networks*
- WG 6.8 *Wireless Communications*
- WG 6.9 *Communication Systems in Developing Countries*
- WG 6.10 *Photonic Networking*
- WG 6.11 *Electronic Commerce - Communication Systems*

TC 7: System Modelling and Optimization

- WG 7.1 *Modelling and Simulation*
- WG 7.2 *Computational Techniques in Distributed Systems*
- WG 7.3 *Computer System Modelling*
- WG 7.4 *Discrete Optimization*
- WG 7.5 *Reliability and Optimization of Structural Systems*
- WG 7.6 *Optimization-Based Computer-Aided Modelling and Design*
- WG 7.7 *Stochastic Optimization*

TC 8: Information Systems

- WG 8.1 *Design and Evaluation of Information Systems*
- WG 8.2 *Interaction of Information Systems and the Organization*
- WG 8.3 *Decision Support Systems*
- WG 8.4 *E-Business: Multi-disciplinary research and practice*
- WG 8.5 *Information Systems in Public Administration*
- WG 8.6 *Transfer and Diffusion of Information Technology*
- WG 8.8 *Smart Cards*

TC 9: Relationship between Computers and Society

- WG 9.1 *Computers and Work*
- WG 9.2 *Social Accountability*
- WG 9.3 *Home Oriented Informatics and Telematics*
- WG 9.4 *Social Implications of Computers in Developing Countries*
- WG 9.5 *Applications and Social Implications of Virtual Worlds*
- WG 9.6 (= WG 11.7) *Information Technology: Misuse and the Law*
- WG 9.7 *History of Computing*
- WG 9.8 *Women and Information Technology*
- WG 9.9 *ICT and Sustainable Development*

TC 10: Computer Systems Technology

- WG 10.1 *Computer-Aided Systems Theory*
- WG 10.3 *Concurrent Systems*
- WG 10.4 *Dependable Computing and Fault Tolerance*
- WG 10.5 *Design and Engineering of Electronic Systems*

TC 11: Security and Protection in Information Processing Systems

- WG 11.1 *Information Security Management*
- WG 11.2 *Small System Security*
- WG 11.3 *Data and Application Security*
- WG 11.4 *Network Security*
- WG 11.5 *Systems Integrity and Control*
- WG 11.7 (= WG 9.6) *Information Technology: Misuse and the Law*
- WG 11.8 *Information Security Education*
- WG 11.9 *Digital Forensics*

TC 12: Artificial Intelligence

- WG 12.1 *Knowledge Representation and Reasoning*
- WG 12.2 *Machine Learning and Data Mining*
- WG 12.3 *Intelligent Agents*
- WG 12.4 (= WG 2.12) *Web Semantics*
- WG 12.5 *Artificial Intelligence Applications*
- WG 12.6 *Knowledge Management*
- WG 12.7 *Computer Vision*

TC 13: Human-Computer Interaction

- WG 13.1 *Education in HCI and HCI Curricula*
- WG 13.2 *Methodology for User-Centred System Design*
- WG 13.3 *Human-Computer Interaction and Disability*
- WG 13.4 (= WG 2.7) *User Interface Engineering*
- WG 13.5 *Human Error, Safety and System Development*
- WG 13.6 *Human-Work Interaction Design*

SG16: Specialist Group on Entertainment Computing

- WG16.1 *Digital Storytelling*
- WG16.2 *Entertainment Robot*
- WG16.3 *Theoretical Basis of Entertainment*
- WG16.4 *Games and Entertainment Computing*
- WG16.5 *Social and Ethical Issues in Entertainment Computing*

