ifip News
the leading edge of information technology

March 2006 http://www.ifip.org

CHILE WILL BE HOSTING THE IFIP WORLD COMPUTER CONGRESS

For the first time, the event will take place in a Latin American country, from August 20th to 25th at Crowne Plaza Hotel and CEUC; it will assemble international experts leaders in opinion, education and research related to the computing industry and technology.

Chile will become the epicenter of the debate and the center for knowing the updates of computer technology when the next World Computer Congress takes place. The event will count with the presence and participation of renowned experts from all over the world, experts in security streams, artificial intelligence and technology in education, among others. The XIX version of the World Computer Congress will be held from August 20th to 25th this year at CEUC (Alameda 390) and Crowne Plaza Hotel (Alameda 136).

The event is organized under the auspices of IFIP (International Federation for Information Processing) and it gathers societies from the Information and Communications Technologies (ICT) area and the Chilean Society of Computer Science. The international conferences included in the program are: security streams, mobile and wireless communications, technology usage in education, social impact of technology usage, artificial intelligence, biologically inspired cooperative computing and theoretical computer science, among others.

The congress coincide with the 30th anniversary of the Technical Committee 10 (Computer System Technology) and it will be commemorated with an important conference on Biologically Inspired Cooperative Computing in which there are three interesting lecturers invited. The other Technical Committee celebrating 30 years is Information System and the conference scheduled is about "The past and future of Information Systems: 1976-2006 and beyond".

According to *Mauricio Solar, President of the World Computer Congress 2006 and President of the Chilean Society of Computer Science*: "the event will gather speakers from places that are leaders in the application of technology, robotics and computation, as Europe, Asia and United States, including successful cases in research, medical sciences, security in information processing of international banks and others".

The WCC 2006 will have 4 keynote lectures, "Nanorobots and Nanoassembly" given by Prof. Aristides A. G. Requicha from the Laboratory for Molecular Robotics (UCSC, USA), "Innovation in the 21st century" given by Irving Wladawsky-Berger, Vice President Technical Strategy and Innovation of IBM Corporation**,** "The Impact of Technology on Education" given by Sailesh Chutani, Director External Research and Programs Microsoft Research, and "Professionalism in IT - Building a World Leading Capability" given by Charles Hughes, President of the British Computer Society. Besides, the WCC 2006 will have 20 invited talks in the 10 international conferences; 4 workshops: International Workshop on advances of Software Engineering, Workshop in Wireless Communications and Information Technology in Developing Countries, HP Technologies workshop, and HP Women in Technology Workshop.

For the final program as well as further information and registration conditions, please visit www.wcc-2006.org

IFIP COUNCIL 2006 in Palma de Mallorca, Spain

The University of the Ballearic Islands at Palma, Mallorca played host to the 2006 Council meeting. Klaus Brunnstein identified the three main items of business in his opening remarks to Council.

Developing Countries

IFIP's motto, namely acting as "the leading edge in Information Technologies", was fulfilled in several events in 2005. IFIP participated in the United Nation's "World Summit on Information Society, Phase II" (WSIS-2005) in Tunis (November 2005). At a pre-conference, co-organised by IFIP with Hewlett-Packard and a group of technical and Social Science organisations, IFIP presented the results of the World IT Forum 2005 held earlier in Gaborone, Botswana at the conference "Past, Present and Future of Research in the Information Society" (PPF). In this event, IFIP organised two sessions, one of which was devoted to WITFOR (with a presentation by Prof. Khakhar), and a second session devoted to aspects of security and Internet Governance (a controversial issue at WSIS).

The Gaborone Declaration, summarizing proposals by WITFOR 2005 commissions and plenary discussions, was presented at UNESCO General Conference (October 2005, Paris) as well as in the World Summit (WSIS-2005, November 2005, Tunis) by the representative of the government of Botswana.

In addition, the President used IFIP's NGO right for an intervention at the UNESCO General Conference to report the Stellenbosch Declaration which specifically addressed important issues relevant for education in Developing Countries.

In order to implement the suggestions accepted at WSIS-2005 in Tunis, a coordination meeting of UN organisations was held in Geneva (end-February 2006). Represented by Leon Strous, IFIP offered its technical expertise in key issues important for development of Information and Knowledge Societies.

Publications

To safeguard the long term availability of its conference papers from past events, IFIP is establishing the IFIP Digital Archive which will include all documents (content, papers) of IFIP events.

Council also agreed to establish IFIP Basic Digital Library. For all IFIP events the conference programme together with keywords for each paper and an abstract will be available free from IFIP DL soon after the event. Full papers will be made available from IFIP DL as soon as the publisher permits free access.

Strategy

The IFIP Strategy Task Force held a meeting in London in December. An initial report, reviewing the contemporary IT environment, had been circulated to TC Chairs and Council members before the meeting. The Working party is to meet again in June to detailed strategic proposals and the President invited input from everyone associated with IFIP prior to that meeting. The strategic plan will be put to GA 2006 for approval.

TC2 on Software

3rd IFIP TC2 Summer School Gordon's Bay 15-20 January 2006

on Software Technology and Engineering

The 3rd IFIP TC2 Summer School was held 15-20 January in Gordon's Bay South Africa. It followed a fine tradition of previous African Schools help under the auspices of IFIP TC2 and WG2.4 aimed at to enhancing the academic expertise of computer science postgraduate students and academics. 100 people attended at the picturesque van Riebeeck beach hotel in Gordon's Bay near Cape Town, with an even balance between university and industry, students and lecturers, and computer science and computer engineering.

The theme of the school was "Software Technology and Engineering" and the speakers were chosen for the international expertise in the field: Len Bass, Paul Clements and Rick Kazman from the SEI Pittsburgh, Jeff Kramer from Imperial College,

Bertrand Meyer from ETH Zurich, Carlo Ghezzi from Politecnico di Milano and Nigel Horspool and Micaela Serra from University of Victoria. Topics focussed on the speakers' work in the design, representation and economics of software architecture, software composition, concurrency, design by contract, hardware and software co-design and program debugging. The school was generously supported by IFIP TC2, Microsoft Research Cambridge (through the Inspire Programme), the South African IFIP Committee and the National Research Foundation.

The School was also offered as a credit course to universities that wishes to participate. 35 students from the Universities of Pretoria and Witwatersrand will be doing an assignment and writing an exam at fourth and fifth year level on the material of the school. This is a very tangible input from the speakers, and will certainly upgrade SE teaching in Southern Africa.

An interesting part of the social program was the "Ironman" contest – a run along the beach, a swim in the sea and a quiz . Interest was high and some groups took the event very seriously. The speakers marked all the submissions, and nine winning groups collected prizes donated by the participants themselves.

See http://polelo.cs.up.ac.za

Organiser: Prof Judith Bishop jbishop@cs.up.ac.za

INFORMATION SOCIETY : Governance, Ethics and Social Consequences

22-23 May 2006

Institute of Computer Science
University of Namur
Namur, Belgium

www.info.fundp.ac.be/informationsociety/

'Information Society : Governance, Ethics and Social Consequences' is a two-day conference that pays tribute to and builds on the work of Professor Jacques Berleur of the University of Namur, Belgium. Two of the key institutions with which Jacques has worked closely over the years, the University of Namur and the International Federation for Information Processing, are joining together to celebrate his commitment to their endeavours in a very dynamic, pro-active, and future-looking way. The purpose of the conference is to dedicate academic reflection on the issues, challenges and problems posed by the Information Society, and also to focus on applied approaches. The Conference intends to bring together actors from institutions, organisations and companies as well as representatives of the International Federation for Information Processing (IFIP) in an animated discussion.

Presentation of the conference

The last half of the 20th century has speeded up the integration of technological elements into economic production and social life. Those transformations are closely linked to some techno-scientific developments in various areas, and in particular, to some stunning developments in information and communication technologies (ICT). The ongoing complex process of the Information Society is still in search of a social and a political project, and of a steady frame of references and values. The essential stake is to build up the «world of networks» on the basis of a cultural model and of clear collective choices, so that the principles of democracy can be reproduced without any substantive losses. The issue of reframing technical and scientific choices through ethical and democratic perspective arises in the context of the Information Society, but faces its ideology of the fatality and the destiny of technology.

I. Problematic : Democracy in Question

The democratic power is still seeking to regulate the economic system, but it also has to control technological developments in setting up limits defined by societies, and in choosing technical means fitting their ethical ends. This challenge questions the ability of decision-making systems to solve the problems posed by the development of the Information Society according to the requirements of democracy and ethics. A reflexive approach is needed to more accurately determine more accurately the scope of ethics in a regulation context, as well as the relationship between ethics, rationality and innovation. The legitimacy of technological innovations requires a connection between the technical justifications and the social ones, to consider their ethical meanings and to demonstrate their democratic opportunity. At the time of a worldwide «cyberspace», democratic societies should concern about the nature of public space and of general interest, which questions the Information Society as a project and as a reality.

II. Which Approaches for Which Ethics ? One should admit the failure of a methodology which grounds the ethical reflection on a sociological analysis of the techno-scientific systems and of the decision-making processes. In fact, each domain refers to some specific criteria which provides relevance and legitimacy to it, but which prevents ethics to be deduced from science. This suggests grounding a better governance of techno-science on the legitimate meaning of ICT, by favouring institutional education and by avoiding technology policies exclusively based upon risk evaluation or economic interest. It invites us to think differently about institutional experimentation in the area of democratic governance of innovations, as opposed to technocratic decisions and models. It is possible, then, to build a common world based on a mosaic of identities, interests and rationalities, which are all present in complex societies, and to make uncertain and controversial situations manageable.

III. The Link between Theory and Practice

Institutions are often bound by their mandates, and may find it difficult to respond to the demands made to them by civil society. On the other hand, non-governmental associations would often appreciate more opportunity to give feedback on policy and institutional decision-making. Why, and how, decision-making about information and communication technologies has been treated until today ? The fundamental question is then: How do we link theory and practice? With the theoretical framework given on the first day and the practical experiences provided by the second day speakers, the audience will work dynamically together to produce conclusions and proposals for work in the future. In the context of an exploration of the Information Society, the Conference provides an open opportunity for institutions and civil society to explore their mutual relationships.

Towards an education curriculum on Collaborative Networks

Education plays a vital role in the development of any scientific discipline as well as in facilitating the dissemination and broad acceptance of its results. This is particularly acute in the case of emerging disciplines such as Collaborative Networks (CN).

Collaborative networks are already recognized in the society as a very important instrument for survival of organizations in a period of turbulent socio-economic changes. However, the practical development and exploitation of new collaborative network forms such as virtual organizations / virtual enterprises, professional virtual communities, virtual laboratories, virtual institutes, etc., is hindered by the lack of a widely accessible body of knowledge on the related supporting concepts, technologies, and methodologies. Although considerable progress has been achieved in recent years, most of the underlying knowledge in this area is possessed only by a limited number of researchers and engineers. In fact, the study of collaborative networks is still absent from many of the traditional university programs.

Being education and training one of the items in the IFIP's mission statement, the **WG5.5** (COVE), in collaboration with the ECOLEAD project and the SOCOLNET Society of Collaborative Networks, aims to create synergies and contribute to the elaboration of recommendations regarding a reference curriculum on Collaborative Networks.

This initiative started with an analysis of existing university programs as well as a survey involving a large number of educators in related fields. It is clear that Collaborative Networks require contributions from multiple disciplines. But this multi-disciplinary nature has also originated a number of early training programs biased by the scope of the academic departments where they started. Namely, an initiative promoted by an electrical and computer engineering sector naturally tends to emphasize the ICT aspects, while a course promoted by a management department puts the focus on the organizational and managerial aspects. As an example, the included bar chart lists important topics identified by this survey.

Which subjects should be included in a CN basic discipline?

As this area is growing as an autonomous discipline, i.e. gaining its own "identity", it is becoming clear that there is a need to elaborate more comprehensive, less biased, programs. Similarly to what has happened with other disciplines in the past, it is necessary to establish a "reference curriculum" in order to:

help extending the focus / coverage of early initiatives;
help launching new training initiatives.

Currently, and as a very preliminary draft, the following major topics are suggested for a general training program on Collaborative Networks:

MOTIVATION.
Practical examples of collaborative networks. Discussion of the usefulness / benefits and current limitations of CNs.

BASIC CONCEPTS.
Categories of CNs. Life cycle. Actors and roles.

VIRTUAL ORGANIZATIONS BREEDING ENVIRONMENT.
Structure, actors and roles, life cycle functionality. Competencies and assets. Value systems, performance metrics, Management functionalities. Brokerage and VO creation. Trust establishment mechanisms.

VO MANAGEMENT.
Concepts, organizational models and operational rules. Life cycle. Functionalities. Performance measurement and benefits analysis.

PROFESSIONAL VIRTUAL COMMUNITIES.
Concepts and organizational models. Virtual teams. Actors and roles. Life cycle. Functionalities. Social networks.

COORDINATION.
Distributed business process modeling. Ad-hoc collaboration and problem solving. Workflow. Modeling. Supervision.

INFORMATION/KNOWLEDGE MANAGEMENT
Federated /distributed information management. Information / knowledge modeling. Ontology engineering. Federated information retrieval. Advanced user assisting tools.

ICT INFRASTRUCTURES.
Computer networks basics. Base Internet technologies. Ubiquitous computing. Security. Distributed information management. Knowledge management. Services management. Web technology. Grid technology.

COLLABORATIVE SPACES.
Collaborative working and sharing. Collaborative problem solving and advanced supporting functionalities.

NON-TECHNOLOGICAL ISSUES.
Social, ethical, legal, and organizational issues.

e-COMMERCE AND e-MARKETS.
Concepts and actors. Portals. Negotiation. CRM. Logistics.

BUSINESS PERSPECTIVES.
Business models. Value systems. Applications to industry and services, government, etc.

This list of topics is only an initial proposal for discussion. The elaboration of a more complete and consistent curriculum is an ongoing activity. The performed survey also shows that such curriculum should be supported by a **repository of training materials** to help educators configure courses according to the needs of each target audience and specific local conditions.

Those interested in contributing or getting a copy of a preliminary report can contact:

Prof. Luis M. Camarinha-Matos – cam@uninova.pt

New University of Lisbon, Portugal, WG5.5 Chairman

AKRR'05 in Finland by IFIP WG 12.1

New directions in knowledge representation

The International and Interdisciplinary Conference on Adaptive Knowledge Representation and Reasoning, AKRR'05, was organized in Espoo, Finland, 15-17 June 2006. The conference was the first of its kind and reflects the paradigm shift in the area of artificial intelligence and knowledge representation. The conference was co-sponsored by IFIP, sponsored by PASCAL Network of Excellence, and organized by the Laboratory of Computer and Information Science of Helsinki University of Technology, Prof. Timo Honkela as the conference chair.

The conference provided a platform for fruitful exchange of ideas between experts in various scientific disciplines including computer science, cognitive science, language technology, psychology and bioinformatics. The conference also brought together scientists and practitioners. The special session named Towards Human Centric European Information Society focused on the practical societal needs that can be associated with the technological development of adaptive systems that can modify themselves to take into account changing needs and situations. EU Commission's representatative Dr. Stefano Bertolo was the keynote speaker in the session. Other keynote speakers in the conference were Prof. Gabriella Vigliocco (University College London), Prof. Jonathan Evans (University of Plymouth) and Dr. Aapo Hyvärinen (University of Helsinki). Evans pointed out that people reason in a probabilistic manner and that reasoning is highly contextualised. Hyvärinen considered the early parts of knowledge formation based on processing the visual input. Vigliocco's keynote talk highlighted the fruitful connection between the psychological empirical research in one hand and the computational analysis and modeling on the other.

Conference chair Timo Honkela congratulates the recipient of the AKRR'05 best student paper award, David Stracuzzi from University of Massachusetts at Amherst

The next main conference in the series will be organized in June 2008 by IFIP WG 12.1 in collaboration with Helsinki University of Technology. The main themes of the AKRR'08 conference will be: (1) Adaptive systems in economic sciences, (2) Sapient systems: computational wisdom, (3) New generation of semantic web: social and multimodal grounding of knowledge and understanding, (4) Adaptive systems in medical education, research and practice, and (5) Adaptive machine translation: towards global connection.

For more information, please visit the conference site http://www.cis.hut.fi/AKRR05/

or contact the chair of IFIP WG12.1 and conference chair, Dr. Timo Honkela, timo.honkela@tkk.fi

INTERACT 2005

The Tenth IFIP TC13 International Conference on Human-Computer Interaction
Rome, 12-16 September 2005

INTERACT is one of the most important conferences in the area of Human-Computer Interaction at the world-wide level. We believe that this edition, which for the first time took place in a Southern European Country, has strengthened this role.

Even if there is an increasing awareness among interactive systems designers of the importance of designing for usability, we are still far from having products that are really usable, considering that usability may have many different meanings depending on the application domain. We are all aware that too often many users of current technology feel frustrated because computer systems are not compatible with their abilities and needs and with existing work practices. As designers of tomorrow's technology, we are responsible for creating computer artefacts that would permit natural communication with the various computing devices, so that communicating with computers would be more like communicating with people, and users might enjoy more satisfying experiences with information and communication technologies. This need has given rise to new research areas, such as ambient intelligence, natural interaction, end-user development, and social interaction.

The response to the conference has been positive in terms of submissions and participation. The contributions, especially the long papers, of which only 70 submissions have been accepted out of 264, have been carefully selected by the International Programme Committee. The result is a set of interesting and stimulating papers that address such important issues as haptic and tangible interfaces, model-based design, novel user interfaces, search techniques, social interaction, accessibility, usability evaluation, location-awareness, context of use, interaction with mobile devices, intelligent interfaces, multimodal interfaces, visualization techniques, video browsing, interfaces for children, and eye-tracking. The interest shown in the conference has truly been world-wide: if we consider both full and short papers we have authors from twenty-four countries in five continents.

There is a good balance of contributions from academia and industry. In addition to the 70 full papers, the programme includes 53 short papers, as well as interactive demos that will allow participants to have direct experience of innovative results, tutorials, workshops, SIGs, panels, and a doctoral consortium. For the first time, the INTERACT proceedings are available in the Springer LNCS digital library. This is an important and useful innovation for both authors and the HCI community, as the entire contents will remain accessible and searchable over the years even for all those who have not attended the conference.

Further information: MariaFrancesca Costabile – University of Bari

Fabio Paternò – ISTI-CNR

Professor Zdzislaw Bubnicki
(17 June 1938 – 12 March 2006)

Founder and for many years director of the Institute of Information Science and Engineering at Wroclaw University of Technology, co-founder of the Faculty of Computer Science and Management in Wroclaw University of Technology; senior member of the Polish Academy of Sciences (PAS), president of PAS – Wroclaw Branch (1991-98), chairman of scientific councils of the Institute of Computer Science in PAS (1987-89) and the Systems Research Institute in PAS (since 1990), president of the Committee of Automation and Robotics in PAS (since 1988) and member of the Committee of Informatics in PAS, member of a working group in the Polish Committee for Scientific Research (1997-2000); Polish representative in IFIP General Assembly (1986-2003) and in IFIP Artificial Intelligence Committee, member of technical committees in IFIP and IFAC, Polish representative in Administrative Council of European Union on Control Association EUCA, member of executive boards of the International Association of Science and Technology for Development IASTED (Canada) and the International Institute for General System Studies IIGSS (USA); editor-in-chief of the international journal *Systems Science*, initiator and chairman of international conferences SYSTEMS SCIENCE (starting from 1973); visiting professor and participant of international conferences, among others in: USA, Japan, Canada, India, P.R. China, Australia, Brazil, Egypt, Mexico and most European countries.

Prof. Bubnicki was one of the most outstanding contemporary Polish scientists, a creator of the worldwide recognized Wroclaw scientific school of *computer science and control systems*, a successful supervisor of 45 PhD students, of which 16 currently hold a professor's position.

Prof. Bubnicki has developed new research directions in the field of computer and control science, in particular, in the area of: discrete control systems, identification and pattern recognition in complex systems, control of operation systems, expert systems and knowledge-based computer decision systems, artificial intelligence and uncertain systems. The main results – new stability conditions for uncertain discrete systems, identification and recognition algorithms in complex systems and their applications, logic-algebraic method and its applications to knowledge-based systems, new methods of learning in knowledge-based systems, uncertain variables and their applications to computer decision systems with uncertain knowledge, allocation problems under uncertainty in computer and manufacturing systems – have been published in more than 250 papers and articles, in 9 books (*Analysis and Decision Making in Uncertain Systems* received *Book of the Year Award*), and presented at many international congresses.

Prof. Bubnicki as an excellent and active scientist and educator was a member of many national and international scientific associations, including Polish Academy of Sciences (senior member), Russian Academy of Natural Sciences (foreign member), World Organisation of Systems and Cybernetics WOSC (honorary member), IEEE (senior member), and received multiple national and international distinctions and awards, e.g. many awards of the Ministry of Higher Education, IFIP *Silver Core Award*, *Best Paper Award* at conferences CASYS in Belgium, *Distinguished Leadership in Science and Education Award*, *Life-long Achievement Award* and *Distinguished Professor* – from the International Institute of Advanced Studies in Systems Research and Cybernetics IIAS (Canada).

Honorary title of *doctor honoris causa* was given to Professor Bubnicki by Szczecin University of Technology, Military University of Technology and Poznan University of Technology.

In the Deceased we have lost not only a well-known and respected Scientist and Organizer of research activity, but also a marvelous and unforgettable Teacher, Initiator, Guide and Supervisor of our research, education and organization work.

Colleagues and friends from the Institute of Information Science and Engineering

Wroclaw University of Technology

George Glaser (Sep 26th, 1931 - March 17th, 2006)

George Glaser, 74, well-known and highly regarded information technology management consultant and advocate, died at his home in Los Altos, California, on Friday, March 17, 2006, from complications of Lewy Body Dementia. He was surrounded by his devoted and saddened family members.

George's special charm, caring nature and gentle wit will be sorely missed by those who remember his dedication to integrating then-new information technology into the business world, and his extensive volunteer services to the information technology profession.

George was born on September 26, 1931 in Wheeling, West Virginia, and he grew up in Weston, West Virginia and Bellaire, Ohio. He received his B.S. degree in electrical engineering magna cum laude from the University of Notre Dame in 1952 and later studied business administration at the University of New Mexico.

Early in his career, he worked as an aviation electronics officer for the U.S. Navy (USNR), in engineering for Sandia Corporation in Albuquerque, and in product planning and management at Ampex Corporation in Silicon Valley.

In 1961 George joined McKinsey and Company, Inc., in San Francisco as a consultant, and he became a principal in 1967. He specialized in project and data processing management and economic modeling for clients in the United States, Canada, and Europe. In 1970 he foresaw the future of Silicon Valley and opened a McKinsey office in Palo Alto, California.

In 1973 George established an independent management consulting practice for large-scale, long-term corporate high tech projects. Also during this time he was managing partner of Centigram Enterprises in Silicon Valley. In 1977 he founded and was president and CEO of its successor Centigram Corporation, a voice recognition and response technology company. In 1981 he incorporated as George Glaser, Inc. in Los Altos, California, and continued his corporate project management practice until he retired in 2004.

George is noted for his service to the information technology profession as a whole, through his leadership, enthusiastic support, and tireless work for its associations and foundations. On learning of his passing, his colleagues have said, "When discussions might get a bit spirited, George could ask just the right question or make a thoughtful comment that helped the entire Board to focus on our priorities" and "George always had the best interests of the Club at the forefront rather than a personal agenda" and "The passing of George is a huge loss to the field of computer history and to CBF."

He was president of the board of the American Federation of Information Processing Societies (AFIPS) and chairman of the National Computer Conference (NCC) board from 1973 to 1975. His hallmark speech, "E3: the Role of the Computer" was delivered at the NCC in 1994. He was instrumental in restructuring the AFIPS biannual, regional Joint Computer Conferences into a successful annual National Computer Conference for vendors and information technology professionals. He was the General Chairman of the 1966 Fall Joint Computer Conference, held in San Francisco.

In 1980 he was appointed as the AFIPS delegate to the International Federation for Information Processing (IFIP) and was a trustee and then vice president of IFIP from 1982 to 1988. He was instrumental in establishing the IFIP Activity Management Board and the Marketing Committee, and in re-directing the mission and activities of the Congress Committee. In 1988 he persuaded the General Assembly of IFIP to consider the need for guidelines for member associations for codes of conduct and ethics. He worked closely with a number of IFIP Technical Committees, and he was a key host for World Computer Congress '89 in San Francisco. He was a holder of the IFIP Silver Core Award.

George was president and member of the board of directors of the Charles Babbage Foundation. According to CBF president Jim Cortada, George's contributions were extraordinary. "He chaired the Software History Taskforce that led the historical community to start research on the history of software. He guided CBF through its redefinition of its mission, strategy, and organizational structure in the early 2000s. He recruited trustees, raised money, and provided strong leadership for the board." CBF honored George by appointing him a Trustee Emeritus.

George was treasurer of the Association for Computing Machinery (ACM), 1968-1972, and council member-at-large, 1973-1975. He was a member of the Data Processing Management Association's (DPMA) Education Foundation Board of Regents from its founding in 1975 to 1977. He also was a Governor of the International Council for Computer Communication, 1998-2005.

He was one of the earliest members of the Churchill Club, Silicon Valley's business and technology forum, and served four full terms on the Club's Board of Directors beginning in 1995 leading to Board Emeritus status.

He was author of numerous articles in professional journals and trade publications on various management and technical topics, and a frequent speaker at technical conferences. For example, he presented a paper, "Industry Transformation Through Information Technology: Dominant Designs as a Source of Competitive Advantage" at the IFIP Congress in 1994 and "Commercial Speech Recognition: Definitions, Capabilities and Applications" at the Jerusalem Conference on Information Technology in 1978.

His extensive collection of personal papers, mostly concerning the ACM, AFIPS, IFIP, DPMA, and the NCC, is archived at the Charles Babbage Institute for the History of Information Technology where it will contribute mightily to the history of information technology.

George was devoted to the Notre Dame Fighting Irish and to following professional tennis. He enjoyed his extensive stamp collection that focuses on post-WW II European issues, United States stamps, and numerous small islands. The stamps of one island group, the Faroes, were so beautiful that George and his wife Karen traveled to enjoy the islands personally in 1998. He and Karen enjoyed travel, especially exploring the capitals of Europe and the sites of ancient civilizations. His travels included rafting on the Colorado River and crossing the border from Israel to Jordan on a local bus in 1978. He enjoyed playing semi-classical piano, backgammon, and tennis and, most of all, attending stand-up parties with his legions of friends. He and Karen, were patrons of the musical, theatrical, and fine arts as well.

George is survived by his wife of 26 years, Karen Duncan; his son John and his wife Denise and daughters Julia, Jessica, and Theresa of Boston; his son Michael and his wife Kate and daughters Marion, Johanna, and Sarah of Seward, AK; his daughter Elizabeth of Boston; and his sisters Katherine, Alice, and Elizabeth and their families, including eight nieces and nephews. He was predeceased by his father Ralph George Glaser and his mother Katherine Sleigh Glaser of Westin, West Virginia.

Some of forthcoming IFIP events. For a full list of events, please look at www.ifip.org"

EVENT	ACRONYM	Date / Location
International Conference on E-Learning and Games http://www.cad.zju.edu.cn/vrmm/edutainment	**EDUTAINMENT**	**16-18.04.2006** HangZhou, CN
CARDIS'2006 - 7th Smart Card Research and Advanced Application Conference http://www.cardis.org	**CARDIS'2006**	**19-21.04.2006** Tarragona, ES
1st IFIP Int. Conf. on Research and Practical Issues of Enterprise Information Systems http://www.confenis.org/	**CONFENIS '06**	**24-26.04.2006** Vienna, AT
Application Controlled Optical Networks http://www.teleinfo.uqam.ca:82/ACON2006/	**ACON 2006**	**11-12.05.2006** Ottawa, CA
2006 IFIP TC6 Networking Conference http://www.ifip-networking.org	**Networking 2006**	**16-18.05.2006** Coimbra, PT
12th IFAC Symposium on Information Control Problems in Manufacturing http://www.emse.fr/incom2006/	**INCOM'2006**	**17-19.05.2006** St. Etienne, FR
Information Society: Governance, Ethics and Social Consequences http://www.info.fundp.ac.be/informationsociety/		**22-23.05.2006** Namur, BE
21st IFIP International Information Security Conference "Security & Privacy in Dynamic Environments" http://www.sec2006.org	**SEC' 2006**	**22-24.05.2006** Karlstad, SE
VEAM IFIP WG7.6 Workshop on Virtual Environments for Advanced Modeling stefan.voss@uni-hamburg.de	**VEAM**	**06.-07.06.2006**
14th Intl. Conference Systems Integration 2006 http://si.vse.cz	**SI 2006**	**11-13.06.2006** Prague, CZ
3rd. IFIP Conference on Artificial Intelligence Applications & Innovations http://www.icsd.aegean.gr/aiai2006	**AIAI 2006**	**07-09.06.2006** Athens, GR
Intl. IFIP TC5 Conference - PROLAMAT 2006 "Knowledge Enterprise - New Challenge" http://prolamat.shu.edu.cn	**PROLAMAT 2006**	**15-17.06.2006** Shanghai, CN
Virtuality and Society c.avgerou@lse.ac.uk	**Virtuality and Society**	**16.06.2006** London, UK
The Intl. Conference on Dependable Systems and Networks http://www.dsn.org	**DSN 2006**	**25-28.06.2006** Philadelphia, USA
WG3.1, 3.3 & 3.5 Joint Conf. “Imagining the future for ICT and Education” http://ifip35.inf.elte.hu/alesund/	**IFICTEd**	**26-30.06.2006** Alesund, NO
Perspectives on Soviet and Russian Computing http://sorucom.karelia.ru	**SoRuCom**	**03-07.07.2006** Petrozavodsk, RU
Cura Ipsum: IFIP WG8.1 Working Conference on Self-Healing Information Systems gerhard.friedrich@uni-klu.ac.at	**cura ipsum**	**05-07.07.2006** Klagenfurt, AT
IFIP WG8.2 Working Conf. - Social Inclusion: Societal & Org. Implications for Inform. Systems http://www.ifip82-2006.ul.ie		**12-15.07.2006** Limerick, IE

Some of forthcoming IFIP events. For a full list of events, please look at www.ifip.org"

EVENT	ACRONYM	Date / Location
Grid-based Problem Solving Environments: Implications for Development and Deployment of Numerical Software http://www.woco9.org		**17-21.07.2006** Prescott, AZ, US
Working Group Conference "Knowledge Management for Educational Innovation" http://www-item2006.ai.is.uec.ac.jp/	**ITEM 2006**	**23-26.07.2006** Hamamatsu, JP
20th Annual IFIP WG11.3 Working Conf. on Data and Applications Sec. http://cimic.rutgers.edu/ifip113/2006	**DBSec 2006**	**31.07.-02.08.06** Sophia Antipolis, FR
19th IFIP World Computer Congress 2006 http://www.wcc-2006.org/	**WCC 2006**	**20-25.08.2006** Santiago, CL
IFIP 1st Int. Conference on Ad-hoc Networking – in conjunction with WCC 2006 http://www.wcc-2006.org/		**20-25.08.2006** Santiago, CL
8th IFIP/IEEE Int. Conference on Mobile and Wireless Communications Networks – in conjunction with WCC 2006 http://www.wcc-2006.org/	**MWCN'2006**	**20-25.08.2006** Santiago, CL
IFIP Int. Conference on "The past and future of Information Systems: 1976-2006 and beyond" – in conjunction with WCC 2006 http://www.wcc-2006.org/		**20-25.08.2006** Santiago, CL
2nd IFIP Int. Conference on History of Computing and Education – in conjunction with WCC 2006 http://www.wcc-2006.org/	**HCE 2006**	**20-25.08.2006** Santiago, CL
1st IFIP Int. Conference on Biologically Inspired Collaborative Computing – in conjunction with WCC 2006 http://www.wcc-2006.org/	**BICC'2006**	**20-25.08.2006** Santiago, CL
IFIP WCC Security Stream – in conjunction with WCC 2006 http://www.wcc-2006.org/		**20-25.08.2006** Santiago, CL
XXXII Latin-American Conf. on Informatics – in conjunction with WCC 2006 http://www.wcc-2006.org/clei2006	**CLEI 2006**	**20-25.08.2006** Santiago, CL
5th IFIP Int. Conference on Network Control & Engineering for QoS, Security and Mobility – in conjunction with WCC 2006 http://www.wcc-2006.org/	**NETCON 2006**	**20-25.08.2006** Santiago, CL
IFIP TC12 and WG12.5 Conference on Artificial Intelligence – in conjunction with WCC 2006 http://www.ifiptc12.org/ai2006	**AI 2006**	**20-25.08.2006** Santiago, CL
4th IFIP International Conference on Theoretical Computer Science – in conjunction with WCC 2006 http://www.wcc-2006.org	**TCS 2006**	**20-25.08.2006** Santiago, CL
International Conference on Education for the 21st Century – Impact of ICT and Digital Resources – in conjunction with WCC 2006 http://santiago.eduhi.at/		**20-25.08.2006** Santiago, CL

Contacts:

IFIP President: Prof.Dr.Klaus Brunnstein
brunnstein@informatik.uni-hamburg.de

Secretary: Dr. Roger Johnson
r.johnson@bcs.org.uk

Treasurer: Prof.Dipak Khakhar
dipak.khakhar@ics.lu.se

Head of Secretariat: Eduard Dundler
eduard.dundler@ifip.org

IFIP Secretariat:
Hofstraße 3, A-2361 Laxenburg, Austria
e-mail: ifip@ifip.org, Tel.: +43 2236 73 616