First Announcement **November 30^{th}, 1992**

13th World Computer Congress
IFIP Congress '94

Computing and Communications Evolution
- The Driving Forces -

International Federation for Information Processing (IFIP)

Gesellschaft für Informatik e.V. (GI)
on the Occasion of its 25th Anniversary

Hamburg, Germany – August 28 - September 2, 1994

CCH Congress Centrum Hamburg

IFIP and its Congresses

The International Federation for Information Processing (IFIP) is a multinational federation of professional and technical organisations or of national or regional groupings of such organisations representing almost 70 countries. Its mission is to be the leading, truly international apolitical organisation which encourages and assists the development, exploitation and application of information technology for the benefit of all people. Technical Work within IFIP is done in over 80 Technical Committees, Working Groups, Specialist Groups, Task Forces, etc. A major activity of IFIP is its Congress, held every two years in different places – 1962 was the last time the IFIP Congress was held in Germany.

IFIP Congresses attract thousands of participants: informaticians, managers and administrators, people engaged in research and development, in application and use, in education and training coming from all over the world.

IFIP Congresses deal with the core areas of informatics as well as with important applications and also with the issues of education and of social implications of informatics.

GI and its Silver Jubilee

The Gesellschaft für Informatik e.V. (GI), the German association of informatics, was founded 1969 in Bonn in order to promote informatics in research, education, and application. GI has about 18.000 members and covers the whole range of informatics. It is a nonprofit organisation. Its official organ is the bimonthly professional journal Informatik-Spektrum.

Technical work within GI is done by more than 100 Expert Commitees, Special Interest Groups and Working Groups.

The GI supports the Deutsche Informatik Akademie GmbH (DIA) which offers a high level program of continued education for professionals in informatics, as well as the International Conference and Research Center for Computer Science (IFBFI) in Dagstuhl Castle.

As a scientific society with intensive international contacts GI is happy to celebrate its Silver Jubilee by the world informatics event, the IFIP Congress '94.

Hamburg and its Congress Centrum

Hamburg is one of Europe's "greenest" cities and an important economic and cultural centre in Northern Europe. With 1.6 million inhabitants it is one of the largest cities in Germany and has a lot to offer: Among many other things it is an established university city, Germany's media capital and a large international port. The CCH – Congress Centrum Hamburg, one of the most modern and largest convention venues in Europe, offers flexibility and state-of-the-art conference technology. With its city-centre site in a park landscape and leading hotels close by, it is just a short stroll away from the shopping arcades and the Alster, Hamburg's famous city-centre lake.

Congress Outline

Congress Theme

Computing and Communications Evolution
The Driving Forces

Three major tracks will examine computing and communications power over the next five years, applications driving the development of the computers and communication systems, and the impact of these applications on the way we do bussiness and the way we live.

A special track will present research ideas and results on fundamentals of computing and communication.

The program will be aimed at leaders in industry, government and the academic world, and will seek to bring them together for an in-depth examination of the issues.

Congress Structure

Track 1 - Computing and Communications Power

Example streams:

Hardware Evolution	Software Evolution

Track 2 - Computing and Communication Applications

Example streams:

Business Applications	Technical, Industrial Applications
Scientific Applications	Educational Applications
Government Applications	Personal Applications

Track 3 - Computing and Communication Impacts

Example streams:

Business Impacts	Societal Impacts
Educational Impacts	Government Impacts

Special Track - Foundations of Informatics

These topics will be explored through:

Invited Papers, Submitted Papers, Panels, Posters and Tutorials.

Exhibition

The Exhibition will form an integral part of the IFIP '94. It will feature the display of the latest equipment, software products, and services offered by internationally known companies.

Important Dates

Call for Papers	April 1993
Preliminary Program	October 1993
Paper Submission	January 14, 1994
Poster Submission	April 30, 1994

Conference Secretariat

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Chairpersons

- Program Commitee: Dr. Ronald Uhlig, Northern Telecom, Texas
- Organizing Commitee: Prof. Dr. Karl Kaiser, Universität Hamburg
- General Chairman: Prof. Dr. Wilfried Brauer, TU München

In August 1994 the Computer World meets at the
CONGRESS CENTRUM HAMBURG:

13th World Computer Congress
IFIP Congress '94

Computing and Communications Evolution
– The Driving Forces –
August 28 – September 2, 1994

5th IFIP CONFERENCE
on Computer Application in Production and Engineering
– CAPE '94
August 25 – 27, 1994

9th Symposium
Informatics for Environmental Protection
August 24 – 26, 1994