## **PROGRAM**

## Plenary Sessions

## November 28 (Monday)

Room Ho-O-No-Ma

10:00 - 12:00 Opening Session

**Opening Address** 

Katsushige Mita

President of ICOT

Hideo Aiso

Conference Chairman

Greetings

Hajime Tamura

Minister of International Trade and Industry

**Keynote Speech** 

Yuji Tanahashi

Director-General of Machinery and Information Industries

Bureau, MITI

Kauzuhiro Fuchi

Director of ICOT Research Center

Report from the Program Committee

Hidehiko Tanaka

Program Chairman

13:30 - 15:00 Summary of ICOT Research and Development

Present Status and Plans for Research and Development

Takashi Kurozumi Deputy Director of ICOT Research Center

15:30 - 17:30 Panel Discussion

Social Impact of Information Technology & International Collaboration

Chairperson:

Hajime Karatsu

Professor, Tokai University, Japan

Panelists:

Jörg H. Siekmann

Professor, University of Kaiserslautern, F.R.G.

Timothy E.H. Walker

Director, Information Engineering Directorate, U.K.

Fred W. Weingarten

Program Manager, Communication & Information Technologies,

Office of Technology Assessment,

U.S. Congress, U.S.A.

## November 29 (Tuesday)

Room Ho-O-No-Ma

9:30-11:30 Invited Lectures

Chairperson: Hideo Aiso, Keio University, Japan

Prospects for Congnitive Science

Herbert A. Simon

Carnegie Mellon University, U.S.A.

Logic Programming Schemes

Keith L. Clark

Imperial College, U.K.

13:00 - 17:00 Reports on ICOT's Progress

Chairperson: Takashi Kurozumi ICOT, Japan

Research and Development of the Parallel Inference System

Shunichi Uchida 4th Research Laboratory

Knowledge Base System in Logic Programming Paradigm

Hidenori Itoh 3rd Research Laboratory

Problem-Solving and Inference Software

Ryuzo Hasegawa 1st Research Laboratory

Research and Development of Natural Language Processing

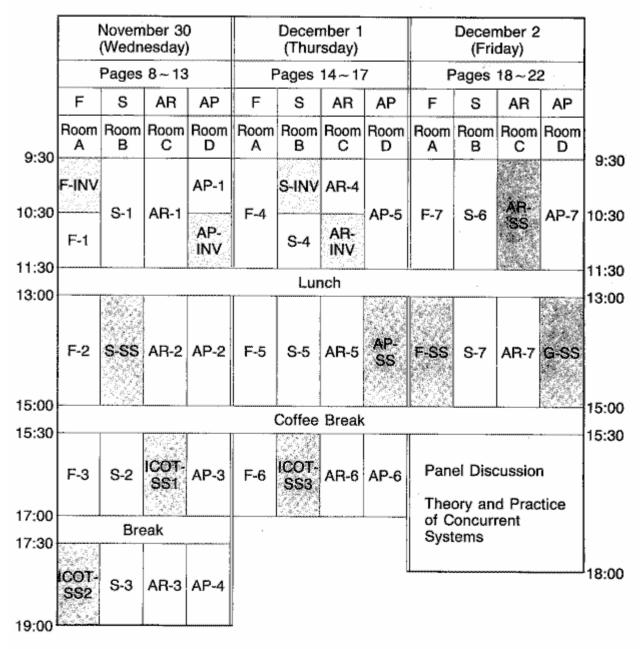
Systems

Shunichi Uchida 2nd Research Laboratory

**Experimental Knowledge Processing System** 

Yuichi Fujii 5th Research Laboratory

**Table of Technical Sessions** 



Abbreviations F : Foundation \*-INV : Invited Paper S : Software \*-n : Submitted Pa

S : Software \*-n : Submitted Papers
AR : Architecture \*-SS : Special Session
AP : Applications ICOT-SS : ICOT Research Topics

G-SS : General Topics