WORKSHOP PROGRAM

(Preliminary dates; by invitation only)

Abduction and Induction in AI (W1)
Contact: Peter A. Flach; Peter.Flach@kub.nl
Sunday, Aug. 24

AI and Financial Applications (W2)
Contact: Ganesh Mani; ganesh@lbs.com
Sunday, Aug. 24

AI in Digital Libraries - Moving from Chaos to (More) Order (W3)
Contact: Innes Ferguson; innes@dlib.com
Sunday, Aug. 24

AI in Distributed Information Networking (What have we learned and how will we deal with the convergence?) (W4)
Contact: Suhayya Abu-Hakima; suhayya@ai.iit.nrc.ca
Sunday, Aug. 24

Animated Interface Agents: Making Them Intelligent (W5)
Contact: Elisabeth Andre; Elisabeth.Andre@dfki.uni-sb.de
Monday, Aug. 25

Business Applications of AI (W6)
Contact: Aditya Ghose; aditya@staff.cs.usyd.edu.au
Monday, Aug. 25

Collaboration, Cooperation and Conflict in Dialogue Systems (W7)
Contact: Kristina Jokinen; kris@is.aist-nara.ac.jp
Monday, Aug. 25

Computational Auditory Scene Analysis (W8)
Contact: Hiroshi G. Okuno; okuno@nue.org
Sunday, Aug. 24 & Monday, Aug. 25

Empirical AI (W9)
Contact: Toby Walsh; tw@dai.ed.ac.uk
Monday, Aug. 25

Third Workshop on Engineering Problems for Qualitative Reasoning (W10)
Contact: Gautam Biswas; biswas@vuse.vanderbilt.edu
Sunday, Aug. 24

Evolvable Systems (W11)
Contact: Tetsuya Higuchi; higuchi@etl.go.jp
Saturday, Aug. 23

Frontiers of Inductive Logic Programming (W12)
Contact: Luc De Raedt; Luc.DeRaedt@cs.kuleuven.ac.be
Monday, Aug. 25

The Future of AI and the Internet (W13)
Contact: Alexander Franz; amf@pdp.crl.sony.co.jp
Sunday, Aug. 24

Fuzzy Logic in Artificial Intelligence (W14)
Contact: Anca L. Ralescu; Anca.Ralescu@UC.Edu
Saturday, Aug. 23 & Sunday, Aug. 24

Intelligent Data Analysis in Medicine and Pharmacology (W15)
Contact: Nada Lavrac; Nada.Lavrac@ijs.si
Saturday, Aug. 23

Intelligent Multimodal Systems (W16)
Contact: Mitsuru Ishizuka; ishizuka@miv.t.u-tokyo.ac.jp
Saturday, Aug. 23 & Sunday, Aug. 24

The First International Workshop on RoboCup (in conjunction with RoboCup-97 at IJCAI-97) (W17)
Contact: Hiroaki Kitano; kitano@csl.sony.co.jp
Saturday, Aug. 23

Issues in AI and Music - Evaluation and Assessment (W18)
Contact: Keiji Hirata; hirata@nefertiti.brl.ntt.jp
Saturday, Aug. 23

Model-based Automated Reasoning (W19)
Contact: Ulrich Furbach; uli@informatik.uni-koblenz.de
Saturday, Aug. 23

Modeling and Reasoning about Function (W20)
Contact: Yasusi Umeda; umeda@amstel.t.u-tokyo.ac.jp
Monday, Aug 25

The 2nd Workshop on Multilinguality in Software Industry: The AI Contribution (MULSAIC'97) (W21)
Contact: Costas Spyropoulos;
costass@iit.nrcps.ariadne-t.gr
Sunday, Aug. 24

Natural Language Understanding and Non-monotonic Reasoning (W22)
Contact: Camilla Schwind; schwind@lim.univ-mrs.fr
Sunday, Aug. 24

Nonmonotonic Reasoning, Action and Change (W23)
Contact: Mary-Anne Williams;
Mary-Anne.Williams@frey.newcastle.edu.au
Monday, Aug. 25

Ontologies and Multilingual NLP (W24)
Contact: Kavi Mahesh; mahesh@crl.nmsu.edu
Saturday, Aug. 23

Practical Use of Case-Based Reasoning (W25)
Contact: Yoshio Nakatani; nakatani@soc.sdl.melco.co.jp
Monday, Aug. 25

Problem-Solving Methods for Knowledge-Based Systems (W26)
Contact: Dieter Fensel; dfe@aifb.uni-karlsruhe.de
Saturday, Aug. 23

Programming in Temporal and non Classical Logics (W27)
Contact: Christoph Brzoska; brzoska@ira.uka.de
Monday, Aug. 25

Social Interaction and Communityware (W28)
Contact: Fumio Hattori; hattori@cslab.kecl.ntt.jp
Monday, Aug. 25

Spatial and Temporal Reasoning (W29)
Contact: Hans Guesgen; hans@cs.auckland.ac.nz
Saturday, Aug. 23

Using Abstraction and Reformulation in Analogy (W30)
Contact: Erica Melis; melis@cs.uni-sb.de
Monday, Aug. 25

Using Games as an Experimental Testbed for AI Research (W31)
Contact: Hiroyuki Iida; iida@cs.inf.shizuoka.ac.jp
Sunday, Aug. 24 & Monday, Aug. 25

Validation, Verification & Refinement of AI Systems & Subsystems (W32)
Contact: Takao Terano; terano@gssm.otsuka.tsukuba.ac.jp
Sunday, Aug. 24

EXHIBITION PROGRAM

The Exhibition Program of IJCAI-97 will be held in Nagoya Congress Center, Japan, Sunday, August 24 through Thursday, August 28, 1997.

The Exhibition Program will consist of the following parts.

- AI Research Exhibition August 26 - 28
- New World Expo August 24 - 26
- RoboCup-97 August 26 - 28
- World Open Computer Go Championship August 27 - 28

The New World Expo, sponsored by Japanese business, will be staged concurrently with IJCAI-97. All registered IJCAI participants will be admitted to the Expo. The Expo will focus on "Life and Enjoyment in Cybertown." It will provide insight into both the current state-of -the-art and the future possibilities for information technologies. **The details are shown in the leaflet which is attached to this brochure.**

RoboCup-97 is the First World Cup Robot Soccer Initiative, which is an attempt to foster AI and intelligent robotics research by providing a standard problem where a wide range of technologies can be integrated and examined.

The Third FOST CUP is the Third World Open Computer Go Championship. Computer programs are now among the strongest chess players in the world, but the traditional Asian game of Go still presents a big challenge for AI.

The AI Research Exhibition provides demonstrations of various AI systems from academic and industrial research laboratories. Visitors will have the chance to find out what is going on in state-of-the-art AI research. It will also include a book fair with displays from major publishers of AI related books and journals.

Please contact Riichiro Mizoguchi for more information.
E-mail: miz@ei.sanken.osaka-u.ac.jp

WORLD CUP ROBOT SOCCER COMPETITION

The World Cup Robot Soccer Competition (RoboCup-97) is an attempt to foster AI and intelligent robotics research by providing a standard problem where a wide range of technologies can be integrated and examined. This is the First RoboCup competition.

In order for a robot team to actually perform a soccer game, various technologies must be incorporated including: design principles of autonomous agents, multi-agent collaboration, strategy acquisition, real-time reasoning, robotics, and sensor-fusion. RoboCup-97 is a task for a team of multiple fast-moving robots within a dynamic environment.

RoboCup-97 consists of two tracks of competitions (real robot league and simulator league), expert robot exhibits, and a technical workshop:

Real Robot League: Soccer competition by real robot teams.

Simulator League: Soccer competition by teams of autonomous agents on a software simulator. The official simulator is available from the RoboCup-97 home page.

Expert Robot Exhibit: Exhibition of robots that perform specific tasks with a high skill level. Penalty kicking robots and goal keeper robots are examples.

Workshop: A workshop will be held to present and discuss technical details of robots and software agents that participate in the competition. See the Workshop Program for details.

RoboCup-97 will be held in a portion of Shirotori Hall from Tue., Aug. 26 to Thu., Aug. 28. Interested participants should contact the RoboCup-97 director by April 1, 1997.

RoboCup-97 Executive Committee

Chairman, Hiroaki Kitano, Sony CSL
E-mail: kitano@csl.sony.co.jp

Vice Chairman, Minoru Asada, Osaka University
E-mail: asada@robotics.ccm.eng.osaka-u.ac.jp

RoboCup-97 Director, Hitoshi Matsubara, Electrotechnical Laboratory
E-mail: matsubar@etl.go.jp

Detailed information on Robot World Cup (RoboCup) is available at RoboCup home page:
http://www.robocup.org/RoboCup

WORLD OPEN COMPUTER GO CHAMPIONSHIP

The Third FOST CUP World Open Computer Go Championship (FOST CUP) aims to encourage AI, cognitive science and intelligent-computing research by providing a computer Go championship annually. Go-playing programs must incorporate various AI technologies, including search strategies, evaluation functions, multi-agent collaboration, pattern recognition, strategy acquisition, massive database management, and combinatorial calculation.

The FOST CUP has two tracks: a championship track and a demonstration track.

The championship track is played by teams using an RS-232C and the Standard Go Modem Protocol. Games will be broadcast on the World Wide Web. Contestants can receive computer communications software from the organizers to enable their participation. During the championship, professional Go players will be on hand to explain some aspects of the game.

The demonstration track will include exhibitions of computer Go, Chess and Shogi programs.

Local participants in both the championship and demonstration tracks will be available for discussion with observers.

The FOST CUP will be held from Wednesday, Aug. 27 to Thursday, Aug. 28. Interested participants should contact the FOST CUP organizers at the address below no later than June 20, 1997. Applications should include the participant's name, address, telephone number, and E-mail address, along with a brief paper explaining their program.

Organizing Body:

FOST (Foundation for Fusion Of Science & Technology), JAPAN
Computer Go Forum, JAPAN
E-mail: cgf@etl.go.jpn

Detailed information on World Open Computer Go Championship is available at:
http://www.koei.co.jp/FOST
E-mail: ijcai97-go@etl.go.jp

General Support:

Foundation for the Fusion of Science & Technology
1-4-24 Hiyoshi Honcho, Kohoku-ku, Yokohama
Kanagawa, 223, Japan
Attention: Ms. Ayako Takahashi
Tel: +81-45-562-5432

REGISTRATION INFORMATION

Registration may be done in advance or onsite. Onsite registration will take place at the Nagoya Congress Center. Registration hours will be Saturday, Aug. 23 - Friday, Aug. 29 from 8:00 a.m. to 6:00 p.m. (Registration hours are subject to modification.) All attendees must pick up their registration packets for admittance to programs.

IJCAI-97 Technical Program registration includes admission to all technical paper sessions, invited talks and panels, the IJCAI-97 Conference Proceedings and the Exhibition Program (including the New World Expo).

Note: Early registration fees apply to those whose payment is postmarked on, or before, June 20, 1997.
Late registration fees apply to those whose payment is postmarked on, or before, July 20, 1997.

Note: All prices are listed in Japanese Yen (JP Yen). The exchange rate in December of 1996 was JP Yen 115 to one US Dollar.

Technical Program Fees

Early- 42,500
Early Student- 12,500
Late- 50,000
Late Student- 17,000
Onsite- 55,000
Onsite Student- 20,000

IJCAI-97 Tutorial Program Registration

Tutorial Program onsite registration will take place at the Nogoya Congress Center.

Tutorial Program Registration

Early- 20,000
Early Student- 8000
Late/Onsite- 25,000
Late/Onsite Student- 10,000

Workshop Registration

Workshop registration is limited to those active participants determined by the organizer prior to the conference.

Each workshop fee is JP Yen 5,000. Workshop participants must also register and pay the registration fee for the IJCAI technical program.

Workshop onsite registration will take place at the Nagoya Congress Center.

IJCAI-97 Exhibition Registration

Persons not registered for the IJCAI-97 Technical Program may register for the Exhibition Program only. The fee is JP Yen 2,000.

IJCAI-97 Banquet

The fee for the IJCAI-97 banquet is JP Yen 7,000.

Accompanying Persons

Accompanying persons are entitled to attend the Official Opening Ceremony, the Opening Reception, and the IJCAI-97 Exhibition Program.

The registration fee for an accompanying person is JP Yen 4,000.

PAYMENT INFORMATION

- Payment shall be made by bank remittance for participants in Japan and credit card, bank remittance or international money order for all overseas participants.

- Each registrant is responsible for the cost of remittance.

- Registration postmarked after the early registration deadline, June 20, 1997, will be subject to late registration fees.

- Registration postmarked after the late registration deadline, July 20, 1997, will be subject to onsite registration fees.

- The deadline for refund requests is July 31, 1997. All refund requests must be in writing. A JP Yen 10,000 processing fee will be assessed for all refunds. All refunds will be made at the conclusion of the conference.

- **NOTE:** In case of conference cancellation for reasons beyond the control of the IJCAI-97 organizers, the liability of the IJCAI-97 organization is limited to the fees already paid by the registrants, and especially, it will not be responsible for any personal inconveniences which may arise.

- Student registration must be accompanied by proof of full-time student status such as a copy of a current student ID card.

- **Registration forms and inquiries should be directed to the IJCAI-97 Liaison Office:**

IJCAI-97 Liaison Office
Procom International Co., Ltd.
Kioicho 3-6, Chiyoda-ku; Tokyo, Japan 102
Tel: +81-3-3234-2361 Fax: +81-3-3234-4456
E-mail: procom3@twics.com

- **Remittance by bank transfer shall be made to:**

Account Name:	IJCAI-97
Bank:	Bank of Tokyo Mitsubishi
Branch:	Kojimachi Branch
Account Type:	Regular
Account Number:	015-0917050