Resolution of Munich meeting

1. FIPA notes the report of the Board of Directors concerning

- The policy of assigning awards to individuals who have made sustained and outstanding contributions to FIPA specifications.
- The publication of FIPA 97 as a book
- The sending of a copy of FIPA 97 to the institutions listed in fipa7a09
- The redesign of a new FIPA home page including a FIPA logo by a professional designer
- The publication of a new FIPA flyer that will include material on FIPA 98.
- The holding of a workshop in conjunction with the July meeting on "Impact of agent technologies on society".

2. FIPA approves the 1996-97 accounts and the 1997-98 projected budget, as proposed by the Finance and Audit committee

		Debit	Credit	Total
FY 1996/97				
Membership fees			SFr. 103,138.00	
Expenses		SFr. 25,736.30		
Balance				SFr. 77,401.70
FY 1997/98 Projected budget				
Brought forward				SFr. 77,401.70
Committed expenses		SFr. 23,635.10		
Membership fees full (35)			SFr. 122,500.00	
Membership fees assoc (5)			SFr. 8,750.00	
Legal fees		SFr. 10,000.00		
KPMG accounting fees		SFr. 10,000.00		
FIPA web site design		SFr. 25,000.00		
FIPA 97 printing		SFr. 25,000.00		
Totals		**SFr. 93,635.10**	**SFr. 131,250.00**	**SFr. 115,016.60**

3. FIPA endorses the nomination made by the Membership and Nomination committee and acclaims Manuel Aparicio as FIPA Director. The Membership and Nomination committee is asked to provide more nominees to fill two posts on the Board of Directors.

4. Resolutions of Technical Committees

4.1 Agent Management
TC1 proposes that FIPA adopt the following recommendations :

1) To adopt the Agent Management Specification (fipa7a11 v1.0) as Part 1 of FIPA97 which was produced after considering all TC1 input documents to Munich and which incorporates the following major changes :

- the merging of ANS and AMS capability sets
- the further definition and completion of the FIPA Agent Management Ontology
- the further explanation of the adoption of IIOP for FIPA compliant AP's
- the restructuring and inclusion of examples

2) To agree to the appointment of Bernard Burg (Motorola) and Phil Buckle (Nortel) as TC1 editors for FIPA98.

3) To allow fine editing work and consistency checking to proceed on the Agent Management specification for a period of one month after the Munich meeting, (i.e. to 10/11/97). Comments on fipa7a11 v.1 can be made via the fipa,man email reflector.

4) To thank everyone who has contributed to the work of TC1 during 1997 and helped in the production of the Agent Management Specifications.

4.2 Agent to Agent Communication
TC2 proposes that FIPA adopt the following recommendations :

1. To submit a first version of fipa7a12.doc as Part 2, Agent Communication Language, to the FIPA 97 Specification (Version 1.0), the main improvements over fipa7612.doc (Cheju draft version) being the:
   - introduction of
     - SL content language and its related profiles
     - examples
     - relationship to KQML
   - consistency of the document
   - rewriting and reformatting of the document according to comments received before and during the Munich meeting

   FIPA members and the public are encouraged to adhere to this specification when programming multi-agent systems, in particular, communication among agents.

2. To publish the finalised version of Part 2 of the FIPA 97 Specification (Version 1.0), by Nov. 14, 1997. The items which will be updated are:
   - FPs and REs of all CAs

   This may possibly result in a minor update of:
   - formal semantic definitions of CAs
   - consistency checking between interaction protocols and CAs

3. In particular, the changes in the finalised version will not affect:
   - Catalogue, names, parameters and informal semantics of CAs
   - Catalogue, definitions of interaction protocols
   - ACL or SL Syntax

4. To welcome feedback from the membership and public, in particular from the field trials, regarding the specification and to take this feedback into account in later work.

5. Noting that agent-comm is currently restricted to FIPA members, to propose to FIPA the establishment of a mailing list fipa97@mlist.siemens.de open to the public for exchange of comments and discussion about all parts of FIPA 97 specification.

6. To maintain a list of and discuss open questions which may even be research issues (outside the scope of FIPA) which are of value and relevance to ACL, such as:
   - Reconciliation of agent pragmatics and the formal model
   - Representation issues in the formal model, e.g. action, time, reference to objects
   - Causal and entailment explanations
   - Conformance

4.3 Agent Software Integration
TC3 proposes that FIPA adopt the following recommendations :

1) Approval of FIPA 97 ver. 1.0 "Part 3 - Agent/Software Integration" with the following features.
- Wrapper and ARB services are provided by agents.
- Adoption of SL (profile 2) as the content language.
- Selection of all necessary communicative acts, an interaction protocol, and two ontologies (consisting of actions and predicates to support Wrapper and ARB services.
2) Approval of CFP 98 for "Agent/Software Integration technologies".

4.4 Personal Travel Assistance
TC4 proposes that FIPA adopt the following recommendations :

1) The document fipa7a14.doc, FIPA 97 Draft Specification: Part 4 Personal Travel Assistance is declared complete for the needs of FIPA 97 initial publication on October 13, 1997.
2) The document fipa7a14.doc will be revised, only in matters of format and presentation, and resubmitted to FIPA for final publication by November 7, 1997.
3) Two areas are suggested as the primary new focus of Personal Travel Assistance in FIPA 98. This application specification will continue to serve the primary needs of the core technical committees in both cases:
   - Travel Ontology. A more complete and applicable ontology for travel is suggested. Hopefully this will be a test of a FIPA initiative in ontology definition and management.
   - Mobile-communicating agents. Elaboration of the mobile agent scenarios is suggested as well to serve the possible technical development of how mobile agent platforms are integrated with FIPA standards (platform, communications, and software access for mobile agents).
4) Field trails of FIPA 97 Parts 1 to 3 as normative and Part 4 as informative to travel applications will continue (several are already started) or will begin soon or early in 1998. Initial trails will concentrate on individual member development as a first phase. As these individual trials are established, interoperability will be considered for the next phase.
5) Saitama University's intention to join PTA field trials in Japan has been added to fipa7a04.doc
6) Field trials progress during 1998 will be reported at FIPA meetings as feedback to FIPA 97 - 98.

4.5 Personal Assistant
TC5 proposes that FIPA adopt the following recommendations :

1. To submit fipa7a15.doc as Part 5, Personal Assistant, to the FIPA 97 Specification (Version 1.0), the main improvements being the:
    - adoption of vCalendar for representation of meetings
    - rewriting and reformatting of the document

FIPA members and the public are encouraged to adhere to this specification when implementing personal assistants.

2. To submit fipa7a05.doc as the outline of the field trial details. FIPA members and the public are encouraged to participate in the field trials.

3. To revise the field trial as necessary in the future.

4.6 Audio-Visual Entertaining and Broadcasting
TC6 proposes that FIPA adopt the following recommendations :

1. Approval of FIPA 97 part 6 containing
- detailed description of agent definition, ontology, user profile and domain with examples.
- detailed analyses of interaction of agents and human using FIPA ACL.
- Addition of one scenario to reflect the situation of abrupt broadcasting schedule modification using FIPA-Reactive-Contract-Net protocol.
- A new reference model.
2. A revision of field trial specification.

4.7 Network Management and Provisioning
TC7 proposes that FIPA adopt the following recommendations:

1. To agree to present FIPA7A17 Version 1 for approval as the specification for FIPA TC7 on Network Management and Provisioning.
2. To agree to allow after this meeting review work and fine editing work to continue for a period no longer than one month.
3. To agree to present FIPA7A07 for approval as the specification for FIPA TC7 Field Trials.
4. To thank everyone who has contributed to TC7.

4.8 SIG on Standardisation
The SIG on Standardisation proposes that FIPA adopt the following recommendations:

1. All people on the attendance list of the Munich FIPA meeting will be made member of the SIG mail exploder:
    fipa-sig-stand@research.kpn.com
Everybody is requested to suggest additions to the list
2. All FIPA members are urged to propose receivers (companies/people/…) for the book to be published containing the FIPA 97 approved specifications
3. The SIG home page will maintain a set of links to standards relevant to the FIPA work
    Everybody is requested to suggest additions to the list

5. FIPA approves FIPA 97 for publication (fipa7a11 to fipa7a17). FIPA 97 as approved at this meeting will be called FIPA 97 ver. 1.0. All FIPA members rejoice at the attainment of this first fundamental milestone in the short history of FIPA.

6. FIPA approves the FIPA 97 field trails documents (fipa7a04 to fipa7a07). Members as well as non members are encouraged to carry out field trials both individually and in group according to the said documents with the purpose of validating FIPA 97 ver. 1.0 and report any finding to FIPA. Members are encouraged to bring implementations of FIPA 97 ver. 1.0 to FIPA meetings. When sufficient validation results will be achieved FIPA 97 ver. 2.0 will be published. This is expected to happen at the October '98 meeting.

7. FIPA approves its Call for Proposals # 3 (CfP3) requesting technologies necessary to proceed with its second work item (fipa7a19). FIPA thanks Prof. Nishida for coordinating the drafting of the Call. Registrations of intentions to submit one or more proposals have to be received by 31 December 1997 and submissions have to be received in electronic form (word or html format, the latter preferred) by 10 January 1998. Submissions will be posted on the FIPA home page for access by members only.

8. FIPA approves the Munich Press Release (fipa7a18)

9. Eight ad-hoc groups are established to discuss matters related to the FIPA 97 field trials, FIPA 98 and the SIG.

ahg#	Chair	email address	reflector address
ahg1	P. O'Brien	Obrienpd@info.bt.co.uk	fipa.man@info.bt.co.uk
ahg2	D. Steiner	Donald.Steiner@mchp.siemens.de	agent-comm@mlist.siemens.de
ahg3	Y. Kim	kimyb@strl.nhk.or.jp	fipa-tc3@kim.cselt.it
ahg4	M Aparicio	alain.leger@ccett.fr	FIPA-PTA@ccett.fr
ahg5			fipa-tc5@sharp.co.uk
ahg6	K. Choi	Kschoi@world.kaist.ac.kr	fipa-aveb@kibs.kaist.ac.kr
ahg7	M. Tesselaar	m.j.a.tesselaar@research.kpn.com	fipa-tc7@kim.cselt.it
ahg8	L. Bouma	l.g.bouma@research.kpn.com	fipa-sig-stand@research.kpn.com

Those interested to join an ad-hoc group should send an e-mail to the relevant chairman.

10. FIPA approves its organisation (fipa7a08)

11. FIPA approves its 1998 workplan

Work items	Action	Year	Month	Days	Place
1st 2nd	FIPA 97 Specification produced FIPA 97 Field Trials ver. 2.0 Call for Proposals issued	1997	Oct	06-10	Munich
1st 2nd	FIPA 97 Field Trials ver. 3.0 Proposals received Baseline draft spec produced	1998	Jan	26-30	Palo Alto
1st	FIPA 97 Field Trials ver. 4.0	1998	Apr	20-24	Kyoto

2nd	FIPA 98 ver. 1.0				
1st	FIPA 97 Field Trials ver. 5.0	1998	Jul	13-17	Dublin
2nd	FIPA 98 ver. 2.0				
1st	FIPA 97 ver. 2.0 published	1998	Oct		America
2nd	FIPA 98 ver. 1.0 produced				
3rd	Call for Proposals issued				

12. FIPA thanks Comtec for offering to mirror the FIPA home page in Japan. Members are encouraged to establish other mirror sites to provide improved access in their geographical areas.

13. FIPA thanks Siemens for offering FIPA excellent meeting facilities in Munich, organising a Press Conference and extending a warm hospitality, including FIPA '97 toast, in the hosting of its 7th meeting, in particular:
Wiener Baumgartl
Sylvia Kratky
Insa Methfessel
Hartmuth Runge
Johann Sarreiter
Martin Schneider
Christa Singer