

<b>FIPA</b>	97/06/27
<b>FOUNDATION FOR INTELLIGENT PHYSICAL AGENTS</b>	Cheju
<b>Source: Board of Directors</b>	fipa7602

## **Resolutions of Cheju meeting**

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

1. introduction of the figure of "FIPA Fellow" governed by FIPA7618
2. appointment of Prof. Tim Finin (UMBC) and Prof. Toyoaki Nishida (NAIST) as FIPA fellows
3. confirmation that membership fees are due on 1st July every year and that no pro-rata is applied
4. acceptance of resignation of Mr. Pete Schirling as a Director. Pete is thanked for his role in FIPA's formative stages
5. calling of an Annual Meeting as per FIPA Statutes (Article 6.2) during the Munich meeting
6. invitation to members to bring demonstrations of agent-based applications to FIPA meetings

2. FIPA establishes the Financial and Audit Committee as per FIPA Statutes (Article 9.4). Its members are: K. Enami (Chair), I. Dickinson, M. Funabashi, D. Steiner. The immediate task of the Committee is to audit the FIPA accounts and report to the Annual Assembly and to propose a budget for the 1997-98 time frame to the Board of Directors.

3. FIPA establishes the Membership and Nominating Committee as per FIPA Statutes (Article 9.3). Its members are: R. Nicol (Chair), B. Caprile, K. Choi, R. Nicol, H. Suguri. The immediate task of the Committee is to produce a list of nominees for the two open positions on the Board.

4. FIPA acknowledges the comments to FIPA 97 ver 1.0 (FIPA7619) and thanks contributors for their support to the development of FIPA 97 specification.

5. Resolutions of Technical Committees

5.1 Agent Management TC

TC1 has agreed to adopt the following resolutions :

5.1.1. To propose FIPA7611 (Draft version 2) to FIPA as the latest draft version of the Agent Management Specification, the main improvements being the :

- removal of ARB from reference model and clarification of TC3 – TC1 scopes.

- definition of an Agent Platform which consists of the ANS, ACC, AMS, DF. This supports both inter- and intra- platform interoperability based on IIOP as a default protocol.
- the distinction between the DF domain and the agent platform
- initial definition of an agent management content language including the key agent management operations (e.g. register) and content (e.g. agent description).
- overall re-editing of the specification

5.1.2. To hold an interim meeting of TC1 before the FIPA Munich meeting with the goal of producing a revised version of FIPA7611 for consideration at Munich. TC1 also encourages attendance by representatives of other TC's (particularly TC2 & 3). This will be organised by BT.

5.1.3 To do the following before the forthcoming interim TC1 meeting :

- review the present version of FIPA7611 (ALL)
- produce draft AP lifecycle management section for inclusion in specification (Tianning Zhang - GMD-Fokus)
- produce "physical mobility" proposal (Rob Hadingham- NORTEL)
- produce proposal on suitability of CORBA security services to agent management specification (Rob Hadingham - NORTEL)
- identify security support for improving security model (Paul O'Brien - BT)
- clarify consistency of agent management content language with latest TC2 specification (Paul O'Brien - BT)
- maintain discussion of specification using email reflector (ALL)

## 5.2 Agent Communication TC

TC2 has adopted the following resolutions :

5.2.1 To submit fipa7612 (*Version 2.4*) as the latest draft of the Agent-Agent Communication Specification, the main improvements being the:

- extension of available communicative acts with informal and formal definitions
- representation of interaction protocols with examples
- adoption of the ISO 2022 encoding standard
- rewriting and reformatting of the document according to comments received before and during the Cheju meeting

FIPA members and the public are encouraged to comment on this draft.

5.2.2. To hold an interim TC 2 meeting (Tentative date: 28. And 29. July, 1997, hosted by HP Labs Bristol, UK). with the goal of producing a revised version of fipa7612 as input to the October meeting in Munich. The primary purpose of the interim meeting is to

- Establish a recommended ACL content language
- Clean up formal definitions of available communicative acts

### 5.3 Agent/Software Interaction TC

TC3 has agreed to adopt the following resolutions:

5.3.1 To change the name of TC3 from *Agent/Software Interaction* to ***Agent/Software Integration*** and the specifications.

5.3.2 To approve a new draft (revision 2.0) of TC3 specs (FIPA7613).

5.3.3 To continue work by email until an interim meeting in August. The meeting will produce FIPA 97 part 3 ver 2.1, with the status of a proposal to the Munich meeting.

### 5.4 Personal travel assistance TC

TC4 has agreed to adopt the following resolutions:

5.4.1 To approve FIPA Specifications with the following improvements:

- Easy update to registration process
- Addition of agent and platform definitions
- Readable syntax and performative
- Addition of new protocols (Dutch Auction) established
- Wrapper example added

5.4.2 To identify remaining weaknesses and future need

- Need for content language by Munich
- Ontology specifications and support in FIPA98
- Platform access/security specification is partial

5.4.3 To confirm the informative nature of the PTA specification

- Standards for field trial interoperation will be in 1998
- Suggest separate document for ontologies as normative

5.4.4 To hold an interim meeting before Munich meeting

- Paris at either Motorola or France Telecom
- September 23 and 24 most likely

### 5.5 Personal assistant TC

TC 5 has adopted the following resolutions:

5.5.1 To submit fipa7615 (*Version 2.1*) as the latest draft of the Personal Assistant Specification, the main improvements being the:

- specification of content language
- representation of interaction protocols
- rewriting and reformatting of the document

FIPA members and the public are encouraged to comment on this draft.

5.5.2 To submit fipa7605 as the outline of the field trial details. Organisations which foresee participating in the field trial are requested to notify the TC 5 chair of their intent to do so by Sept. 15, 1997.

5.5.3 The next meeting will be in conjunction with the FIPA October 1997 meeting in Munich.

## 5.6 Audio-visual entertainment and broadcasting TC

TC6 has agreed to adopt the following resolutions:

5.6.1 To approve FIPA 97 part 6 rev. 2.0 (FIPA7616) containing revised Agent Name, Role and Interaction

- New agent *GA* (Guide Agent) is defined.
- Data base Agent and Stream Agent are removed.

5.6.2 To approve FIPA 97 Field Trials document ver. 1.0 (FIPA7606) containing the revise application architecture based on Field Trial Test'98, which consists of

- user side "HomeSystem" which are implemented in one PC. A user must login to his/her registered HomeSystem.
- content provider side for *Type-1* and *Type-2* data providers which intend to supply TV (or cable) stream and any kind of stored data respectively.
- server side for Content Description List and Guide Agent for providers.

5.6.3 To hold an interim meeting in Asia after review of documents done by email during the period of conference *IJCAI'97* (International Joint Conference on Artificial Intelligence) in *Nagoya*. The meeting will be held on August/26 (Tue) and 27 (Wed). The detailed time and location will be discussed by e-mail, and notice given on TC-6 reflector: fipa-aveb@kibs.kaist.ac.kr.

5.6.4 To identify the following issues for the more discussion until Munich meeting:

- performance issue - system evaluation method to measure real-timeness, precision, etc.
- detailed description of AVEB should be specified in terms of the result of TC1 - 3.
- a standard of content language should be defined for this application.

## 5.7 Network management and provisioning TC

TC7 has agreed to adopt the following resolutions:

5.7.1 To appoint Robert G. Hadingham from NORTEL as the new editor of TC7.

5.7.2 To approve FIPA 97 part 7 ver. 2.0 (FIPA7617)

5.7.3 To approve FIPA 97 Field Trials document ver. 1.0 (FIPA7607)

5.7.4 To hold an interim meeting in early August in the Netherlands. The purpose of the meeting is to produce a new version of the document by incorporating review comments that will be discussed during this meeting. Straightforward editorial adjustments will be made to the document prior to the meeting (via FIPA reflector).

## 6. Resolution of Standardisation SIG

6.1 Wiet Bouma takes over the SIG chair from Hugo Velthuisen

Co-ordinates:

L.G.Bouma email: *L.G.Bouma@research.kpn.com*

Tel +31 70 332 5457

Fax +31 70 332 6477

Surface mail: PO Box 421, 2260 AK Leidschendam, Netherlands

SIG mail-exploder: *FIPA-SIG -STAND@research.kpn.com*

## 6.2 Action Points

Action point	Who	When
Set up SIG Web page	Wiet Bouma	ASAP
Produce FIPA flyer	Leonardo Chiariglione	ASAP
Produce 2 slides for update of FIPA presentation and send them to Leonardo	TC Chairs	ASAP
Send FIPA presentations of general interest to Leonardo	All	continuing
Inform about upcoming conferences	All	continuing
Inform about new developments	All	continuing
Inform about relevant standards	All	continuing

7. FIPA notes "A brief introduction to FIPA 97 specification" (FIPA7603). The final version of this document will be prefaced to all seven parts of FIPA 97.

7. FIPA approves the draft FIPA 97 specification ver. 2.0, parts 1 to 7 (FIPA7611 to FIPA7617, respectively). The documents are for public release and will be posted on the FIPA home page. Comments to the documents are invited from members and non-members. Comments have to be received in electronic form (word or html format, the latter preferred) by 26 September 1997 and posted on the FIPA home page for access by members only. Non members making substantial comments to the documents will be invited to attend the next meeting.

8. FIPA approves the draft specifications of field trials ver. 1.0 (FIPA7604 to FIPA7607). The main purposes of field trials is to

1. validate FIPA 97 specifications
2. promote their acceptance by demonstrating working prototypes of applications based on FIPA 97.

These specifications are informative in nature and are to be kept FIPA internal.

Members are encouraged to make known their intentions to join field trials and to identify the nature of their participation.

FIPA welcomes individual companies and consortia, both members and non-members to set up FIPA 97 field trials mid '98 and feed back results.

9. Eight ad-hoc groups are established to discuss matters related to the FIPA '97 specification parts and the SIG. Task of these groups is to produce proposals of revised drafts at the next meeting and further suggestions of initiatives in the area of standardisation:

<b>ahg#</b>	<b>Chair</b>	<b>email address</b>	<b>reflector address</b>
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	A. Léger	alain.leger@ccett.fr	FIPA-PTA@ccett.fr
ahg5	P. Kearney	paul.kearney@sharp.co.uk	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. The following TCs intend to hold an interim meeting before the Munich meeting.

TC#	date	place
TC1	end Jul- beg. Aug	NL?
TC2	28-29 Jul	Bristol (UK)
TC3	Aug	Tokyo (JP)
TC4	23-24 Sep	Paris (FR)
TC5		
TC6	26-27 Aug	Nagoya (JP)
TC7	early Aug	NL

11. FIPA thanks Prof. Nishida, FIPA fellow, for his contribution "FIPA 98 roadmap" (FIPA7609). This document will be published on the FIPA home page.

12. FIPA members and non members are invited to submit their ideas about the specific target of FIPA 98 specification in terms of applications to be supported and corresponding generic technologies. In their submissions members should use, whenever possible, the FIPA 98 roadmap (FIPA7609). Submissions have to be received in electronic form (word or html format, the latter preferred) by 26 September 1997 and posted on the FIPA home page for access by members only.

13. FIPA thanks Jaap Mooij for his work done in FIPA as chair of TC7 and editor of FIPA 97 part 1 and wishes him well in his new job. Marius Tesselaar is appointed as TC7 Chair.

14. FIPA thanks Hugo Velthuisen for his work done in FIPA as chair of Standardisation SIG and wishes him well in his new job. Louis Bouma is appointed as Standardisation SIG Chair.

15. FIPA notes its internal organisation (FIPA7610).

16. FIPA approves its workplan

Work items	Action	Year	Month	Days	Place
1 <sup>st</sup> 2 <sup>nd</sup>	FIPA 97 Specification produced Call for Proposals issued	1997	Oct	06-10	Munich
2 <sup>nd</sup>	Proposals received Baseline draft spec produced	1998	Jan	26-30	America
2 <sup>nd</sup>	1 <sup>st</sup> draft spec produced	1998	Apr	21-25	Japan
2 <sup>nd</sup>	2 <sup>nd</sup> draft spec produced	1998	Jul	13-17	Dublin
1 <sup>st</sup> 2 <sup>nd</sup> 3 <sup>rd</sup>	FIPA 97 Specification validated FIPA '98 Specification produced Call for Proposals issued	1998	Oct		America

17. FIPA approves its meeting plan

No.	Year	Month	Days	City	Country
6 <sup>th</sup>	1997	June	23-27	Cheju Is.	KR
7 <sup>th</sup>	1997	October	06-10	Munich	DE
8 <sup>th</sup>	1998	January	25-29		US
9 <sup>th</sup>	1998	April	21-25		JP

10 <sup>th</sup>	1998	July	13-17	Dublin	IE
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18. FIPA thanks ETRI and KAIST for offering FIPA outstanding facilities in Cheju and unrivalled hospitality in the hosting of its 6<sup>th</sup> meeting, in particular:

ETRI	Dr. Park, Chee-Hang	ETRI Host, VP of Computer Technology Division
	Dr. Hwang, SeungKu	Director, The 6th FIPA Meeting Secretariat
	Dr. Min, Byung-Eui	Staff Memebr, The 6th FIPA Meeting Secretariat
	Mr. Cho, Jeong-Yearn	Staff Memebr, The 6th FIPA Meeting Secretariat
	Dr. Yoon, SeokHwan	Staff Memebr, The 6th FIPA Meeting Secretariat
	Dr. Park, SangKyu	Staff Memebr, The 6th FIPA Meeting Secretariat
KAIST	Dr. Choi, Key-Sun	KAIST Host, Professor
	Mr. Ryu, JooHyeon	Student, KAIST