AgentCities.ES

FIPA Meeting

UAB, Bellaterra, March 2004

What is AgentCities.ES?

- Spanish thematic network
  - It is not a research project
  - Support of coordination activities
- Funded by the Spanish *Science and Technology Ministry*
- Duration: 2 years (24th March 2003-23rd March 2005)

First year almost completed

- Coordination: Dr Antonio Moreno, University Rovira i Virgili (URV), Tarragona

Initial members (I)

- AI Research Institute (IIIA)
- Univ. Carlos III, Madrid
- Univ. Complutense, Madrid
- Univ. of Girona
- Univ. Jaime I
- Univ. of Murcia
- Technical Univ. of Catalonia (UPC)

Initial members (II)

- Technical Univ. of Madrid
  - AI / Telematic Systems Engineering
- Technical Univ. of Valencia
- Univ. King Juan Carlos
- Univ. Rovira i Virgili (coord.)
- Univ. of Valladolid
- Univ. of Salamanca

14 research groups

72 researchers

New members during first year

- Univ. Autònoma de Barcelona (UAB)
- Univ. of Castilla La Mancha
- Univ. of Granada
- Univ. of Sevilla
- Univ. of Vigo

19 research groups

100 researchers

Objectives

- Coordinate the joint work in agent-based services
- Provide a liaison between Spanish and European activities related to AgentCities/openNet
- Increase social and industrial awareness of agent-based systems
- Get in touch with Spanish industries making R+D in agent technology
- Build and maintain a Spanish network of AgentCities platforms providing agent-based services

Network Activities (I)

- Two general meetings (UPC, UCM)
  - Presentation of research groups
  - Initial analysis of common interests
  - Invited talk on AgentCities/openNet (S. Willmott)
  - Initial contact with industries
    - ISOCO: Intelligent Software Components
    - Telefónica I+D
- First year final meeting: to be held on March 12th, postponed after 11-M tragic events

Network activities (II)

- Selection of one person to support the network
- Development of web pages
  - Members
  - Working groups
  - Conferences, meetings
  - Papers
  - Network of platforms (Ping Agents, management at URV)
  - Teaching material
  - Articles in media
  - Interesting links

http://grusma2.etse.urv.es/AgCitES/

Network Activities (III)

- Definition of Working Groups
  - MAS modeling methodologies
  - Simulation
  - Human-agent interaction
  - Security, trust
  - Physical agents
  - Agents in mobile environments
  - Learning, planning
  - Tourism applications

Network Activities (IV)

- Workshop at the Spanish Conference on AI (CAEPIA 2003, San Sebastián, November 2003)
  - *Intelligent Agents in the Third Millenium*
  - Objectives:
    - Assess the status of agent technology and its maturity towards its mainstream use in industrial applications
    - Discuss the main technical/scientific/social issues to be taken into account in the agent field in the near future
  - Technical session with 6 papers
  - Demos of 8 multi-agent systems
  - Invited talk by Michael Luck, Univ. of Southampton
  - Panel on the use of methodologies for designing and implementing multi-agent systems

Future Activities – Second Year

- Continue the deployment of the Spanish network of agent-based platforms
  - Not just Ping Agents but service-providing agents.
- Workshop specifically oriented to the contact with industries interested in agent technology
- Activities within Working Groups
- Submission of Spanish research projects
- Coordination with openNet forum