



INTERNATIONAL

INVITED SESSION SUMMARY

11th International KES Conference
on
**AGENTS AND MULTI-AGENT SYSTEMS: TECHNOLOGIES AND
APPLICATIONS**

KES-AMSTA-17

Title of Session:

The design and implementation of Intelligent Agents and Multi-Agent Systems
<http://amsta-17.kesinternational.org/>

Name, Title and Affiliation of Chair:

María del Rosario Baltazar Flores, Instituto Tecnológico de León, México

Co-Chair

Lenin G. Lemus-Zúñiga- Universitat Politècnica de València. España

Arnulfo Alanis Garza- Instituto Tecnológico de Tijuana. México

Details of Session (including aim and scope):

In recent years, agent technology has grown significantly in all fields, especially in the field of e-health and electrical energy consumption.

The Agent-oriented software engineering based on agent-oriented methodology is a new phenomenon in the field of software engineering today. The special features of this intelligent agent such as autonomy, reducing the cause of the operating costs and performing automatic functions on some systems.

The use of new communication technologies, distributed systems and intelligent agents can also be seen as a new phenomenon in medicine and electrical consumption topics.

List of topics of interest

- Co-operation between intelligent agents to improve patient management (e.g., distributed patient scheduling).
- Agents that provide remote or elderly care delivery.
- Agents that provide information about medical services.
- Multi-agent systems for patient monitoring and diagnosis.
- Successful applications of agents and multi-agent systems in health care.
- MAS that improve medical training or education (e.g. tutoring systems).
- Medical agent-based decision support systems.

- Social acceptance of agent-based systems.
- Integration and use of medical ontologies.
- Electrical consumption savings

Please submit your 5 to 10 page paper using the conference web page.

<http://amsta-17.kesinternational.org/submission.php>

Publication:

Accepted papers will be published by Springer in a volume of the Book Series entitled: “Smart Innovation, Systems and Technologies Series”

<http://www.springer.com/series/8767>

Papers to be considered for the conference must be submitted through the PROSE online submission and review system available here.

Timelines

- Submission of Papers: 16 January 2017
- Notification of Acceptance: 13 February 2017
- Upload Final Publication Files: 13 March 2017
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Main Contributing Researchers / Research Centres (tentative, if known at this stage):

Dr. Lenin G. Lemus-Zúñiga (Universitat Politècnica de València. España)
Dr. Arnulfo Alanis Garza (Instituto Tecnológico de Tijuana. México)
Dr. Bogart Yail Márquez Lobato (Instituto Tecnológico de Tijuana. México)
Dr. José Sergio Magdaleno Palencia (Instituto Tecnológico de Tijuana. México)
Dra. María del Rosario Baltazar Flores (Instituto Tecnológico de León. México)
Dr. Carlos Lino Ramírez (Instituto Tecnológico de León. México)
Dra. Eva Cerezo Bagdassarian (Universidad de Zaragoza, España)
Dr. José Miguel Montañana Aliaga (Universidad Complutense de Madrid. España)

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