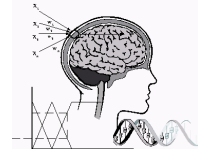




International

*Innovation in Knowledge Based and Intelligent
Engineering Systems*



INVITED SESSION SUMMARY

Title of Session:

Agents and Multi-agents Systems applied to Well-being and Health

Name, Title and Affiliation of Chair:

Rosario Baltazar Flores, Instituto Tecnológico de León, México

Co-Chair

Arnulfo Alanis Garza- Instituto Tecnológico de Tijuana. México

Yessica Imelda Saavedra Benítez

Details of Session (including aim and scope):

In this session the current research topics such as agents performed to personalised health systems for autonomous assistance, intelligent agents to manage patient care, information agents that retrieve medical information, intelligent and distributed data mining, and multi-agent systems that assist the doctors in the tasks of monitoring, decision support and diagnosis, multi-agent systems focused in well-being.

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.
- Electrical consumption savings focused in well-being

Main Contributing Researchers / Research Centres (tentative, if known at this stage):

Dr. Arnulfo Alanis Garza (Instituto Tecnológico de Tijuana. México)
Dra. María del Rosario Baltazar Flores (Instituto Tecnológico de León. México)
Dr. Lenin G. Lemus-Zúñiga (Universitat Politècnica de València. España)
Dr. Ignacio Hernández Bautista (Instituto Tecnológico de León. México)
Dra. Delia Irazú Hernández Farias (Instituto Tecnológico de León. México)
Dr. Giner Alor Hernández (Instituto Tecnológico de Orizaba)
Dr. Bogar Yail Marquez Lobato (Instituto Tecnológico de Tijuana. México)
Dr. Jose Magdaleno Palencia (Instituto Tecnológico de Tijuana. México)

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