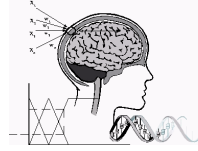




International

*Innovation in Knowledge Based and Intelligent
Engineering Systems*



INVITED SESSION SUMMARY

Title of Session: Reasoning-based Intelligent Applied Systems

Name, Title and Affiliation of Chair: Jair Minoro Abe, Dr, Paulista University

Details of Session (including aim and scope):

Recently, intelligent reasoning-based systems with automated reasoning function have become essential in all areas of technology. This invited session provides a forum for exchanging ideas from all types of intelligent systems based on reasoning having as underlying logic a non-classical logic, not only theoretical contributions but also contributions of practical application. We are especially interested in dealing with imprecise, conflicting or incomplete concepts in the same coherent data system, such as intelligent systems based on imprecise, paraconsistent, paracomplete and non-alethic reasoning.

Topics of Interest, but are not limited to:

- Non-classical Logic-based Intelligent Systems
- Industrial and Commercial Applications of Non-classical Logic Reasoning-Based Intelligent Systems
- Non-classical Logic-based Intelligent Control
- Non-classical Logic-based Intelligent Information Systems
- Non-classical Logic and Non-classical Logic Program Applied to Intelligent Systems
- Non-classical Logic: foundation and applications - Informal Reasoning-based Intelligent Systems
- Soft Computing Applied to Technology
- Non-classical Logic-based Intelligent Systems for Production Engineering and Correlated Areas
- Non-classical Logic-based Intelligent Systems for Bioinformatics
- Web Intelligence
- Non-classical Logic-based Intelligent Systems in Industry 4.0
- Non-classical Logic-based Intelligent Systems in **Society 5.0**

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

Website URL of Call for Papers (if any):

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