



1st International Conference on Systems and Computer Science

August 29-31 2012, Villeneuve d'Ascq, France



Invited session on

Smart navigation for powered
wheelchairs



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As part of the ICSCS conference, we are organizing an invited session about the design of intelligent wheelchairs able to provide mobility to disable people and to allow healthcare providers to transport patients to desired locations in a clinical or domestic environment.

Such systems have to be able to adapt to the specific needs of the patient and any specific disability they may have; e.g. it will need to be able to have multiple ways for the patient to control the device in order to cope with paralysis of specific limbs or the loss of speech etc.

Topics include but are not limited to localisation, navigation (path planning, tracking control) problems for autonomous or semi-autonomous powered wheelchairs, as well as clinical specifications for such kind of devices.

Authors must submit their proposal through the conference web site and select the appropriate session "Smart navigation for powered wheelchairs" in the EasyChair Conference Management System,

Important dates

April 6, 2012 Submission of draft papers and invited sessions
May 15, 2012 Notification of acceptance
June 15, 2012 Submission of final papers and early registration deadline
Sept. 3-5, 2012 Conference

For further information please visit the website: <http://www-lagis.univ-lille1.fr/ICSCS2012/>

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