



Handled by, phone
Mattias Lafvas, +46 8 555 521 13
E-mail
mattias.lafvas@sis.se

Call for experts by 12 September, Study Group on Medical care robots

This is a call for experts, and on the following page you will find a description of the planned work of Working Group 7 (WG 7) on Medical care robots.

Appointment of experts for ISO/TC 184/SC 2/WG 7 shall be done by each national standardization organization (in the "Global Directory") at the latest **by 12 September 2009**.

Appointment of experts from liaison organisations, such as IEC, may be appointed directly to the SC 2 secretariat:

Elisabeth Wiksén
SIS, Swedish Standards Institute
elisabeth.wiksen@sis.se

Further information about the work can be received from the WG 7 convenor:

Prof GS Virk
CLAWAR Association Ltd
gsvirk@clawar.org

ISO/TC 184/SC 2/WG 7: Call for experts in Medical care robots - Planned work of Study Group on Medical care robots

ISO/TC 184/SC 2, *Robots and robotic devices*, has set up Working Group 7, *Personal care safety*, to develop standards for the safety of robots used in a variety of medical and non-medical care applications. WG 7 is now setting up a Study Group on Medical care robots to formulate a safety standard for medical robots and invites experts from medical and robotic communities to participate in this activity.

Background

WG 7 has been working on the development of a safety standard for robots in non-medical personal care since 2006, and the formal phase of the development in this field began in February 2009. During this work, it was recognised that a safety standard is also needed for medical care robot applications.

A number of other international committees also prepare safety standards in the field of medical devices and related technologies, and it is the intent of ISO/TC 184/SC 2/WG 7 to develop the required safety standard(s) for medical care robots in collaboration with these organizations. In particular, the work will be done in collaboration with:

- IEC/TC 62 (Electrical equipment in medical practice)
- DICOM WG 24 (DICOM in Surgery).

The new medical care robot safety standard is likely to be incorporated into the joint ISO/IEC family of medical device standards, in the ISO 80601-2-XX series.

Scope of work

The range of medical applications being considered cover invasive and non-invasive procedures such as surgery, rehabilitation therapy, imaging and other robots and robotic devices for medical diagnosis and treatment.

Schedule of activities

The Study Group on Medical care robots will hold face-to-face meetings during the normal meetings of WG 7 on a regular basis to carry out the standardization work required.

The following events have been planned:

- The first meeting of the SG will be held at the Japan Robot Association (JARA) in Tokyo, Japan on 22-24 October 2009.
- The 2nd meeting of the SG is planned to be held during 12-13 February 2010 in Orlando, USA.
- A FDA Workshop on Medical care robots will be held on 19 February 2010, in Washington DC, USA.

It is intended that the SG will also hold e-meetings on a regular basis, to facilitate wide participation of experts to support the work.

Appointments

Appointments of experts to join the Study Group on Medical care robots should be made according to page 1.

For contact details, see page 1.