

Introduction

EUROBOTICS TOPICAL GROUP ON STANDARDS

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Introduction

EUROBOTICS TOPICAL GROUP ON STANDARDS

**The group drives collaboration of experts
on standardization issues
in sundry areas of robotics.**

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Introduction

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**The group includes members that participates in all the
ISO/TC 299 Robotics Working Groups.**

Ongoing relationships with CEN-CENELEC

Ongoing relationships with SARUMS

Activities

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Activities

workshops organisation on the occasion of robotics venue to:

- collect input for the ISO working groups**
- provide insight in the activities and drafts of the ISO working groups**
- debate on new topics in standardisation**

promotion of new standards initiatives

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Activities

promotion of new standards initiatives and creation of new working groups

- the TG promoted the creation of a working group for safety of Robotics professional cleaning appliances under the IEC umbrella (initiative AHG3 in the frame of the committee IEC SC 61J).**
- Participation in the SARUMS (WG safety guidelines for unmanned marine system) and currently working to create a WG for an EU standard in collaboration with CEN CENELEC**

Editorial activities

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Activities

Editorial

- **Book on Human Robot Interaction: Safety, Standardization, Benchmarking (ongoing)**
- **Book on standardisation of HRI experiments (ongoing)**
- **Book on Medico-surgical robots, safety and standards (Publisher interest granted)**
- **Position papers (planned)**

NEW TOPICS RELATED TO STANDARDISATION

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NEW TOPICS RELATED TO STANDARDISATION

**One recent topics was the standardization
of basic experiments in HRI.**

standardization of basic experiments in HRI

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The workshops we held at IROS 2015 and HRI Wien 2017 about the standardization of basic experiments in HRI provided some results and insights

We identified some experiments to measure robots collaborative tasks performance in the social and industrial robotics domains.



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Thanks for your kind attention !