

International Federation of Automatic Control

lädt am
Donnerstag, den 27. April, 2017
16.15 s.t.

in das
Haus der Ingenieure
Eschenbachgasse 9, 1010 Wien
1. Obergeschoß

zum Vortrag

**“Human-System Interaction for Service RT
(Robot Technology) Systems ”**

es spricht

Prof. Hajime Asama
CC 7 Chair, IFAC President Elect (2017-2020)

Um Anmeldung wird gebeten:
IFAC SECRETARIAT
Schlossplatz 12, 2361 Laxenburg
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Abstract

“Human-System Interaction for Service RT (Robot Technology) Systems ”

by Hajime Asama
Professor University of Tokyo
Japan

Needs-driven Research and Development is essential for social dissemination of Robot Technology (RT) in services. In this presentation, needs of RT in services are introduced and robotic research to understand the human and technology for the human-system interaction are discussed. For personal service RT, the concept of service media, interactive ambient service system equipped with RT, and application examples for various services are introduced such as guidance, skill learning, etc.

For public service RT, technology for human interface and novel visualization of environment for teleoperating robots for disaster response is introduced as well as for decommissioning of Fukushima Daiichi Nuclear Power Stations.

Finally, as a basic research on embodied-brain systems science to understand the human function to generate adaptive motion is mentioned as well as a research on sense of agency, which is very important for designing the human-machine systems that are friendly for humans to use them.

Programm:

16.15 s.t.

Einführende Worte

o.Univ.Prof. Kurt Schlacher
Sekretär der IFAC

16.30

Human-System Interaction for Service RT (Robot Technology) Systems

Vortragender:

Prof. Hajime **Asama**
CC 7 Chair, IFAC President Elect
(2017-2020)
University of Tokyo
Japan

17.30

Diskussion

Moderation
o.Univ.Prof. Kurt Schlacher