European Robotics Forum 2015
Vienna (Austria), 11-13 March 2015
Application Form
(Suggestion for a Workshop/Session)
Deadline: 15 Nov. 2014

euRobotics Forum 2015

Workshop Proposal

Session Title: *Please state here the exact title of your workshop (how the workshop should appear in the agenda)*	Cognition in Robotics: pre-programmed vs. learning
Organiser(s): *Please list the organiser of the workshop, with name, organisation and Email address*	Alessandro Saffiotti, Örebrö University, Sweden Markus Vincze, Technische Unniversität Wien, Austria
Topic Group: *If this workshop is organised by a Topic Group of SPARC, please mention the name:*	AICoR – Artificial Intelligence and Cognition in Robotics
Motivation and objective: *why is this session important, what is our message; short description*	
Approach: *Example: "The workshop will consist of a series of targeted presentations of approximately 10 minutes on different aspects of systems engineering for robots, with intermittent discussions"*	50% priming talks, 5 minutes each, mixed industry and research, on the demand in applications resp. newest exploitable results 50% discussion on how to bring cognitive approaches onto the workshop level The discussion will involved selected recent or ongoing EU projects with a distinctive focus on applying AI and cognitive approaches to generate innovation (e.g., SMErobotics).
Agenda of the workshop: *Please write (if possible) how you plan to structure your workshop. E.g.* *- 09:00 – 09:05 Introduction by the moderators* *- 09:05 – 10:00 Presentations by selected participants, followed by a discussion* *- 10:00 – 10:30 Round Table Discussion* *- 10.30 – 11:00 Conclusions for the Roadmapping Process under SPARC/Horizon 2020*	*9:00 Introduction by the moderators* *9:10 Flash presentations by selected industrial participants* *9:30 Flash presentations by selected academic participants* *10:00 Flash presentations by selected EU projects* *10:15 Open discussion speakers and audience* *10.45 Summary, measures to take to bring cognitive methods to application needs, how can euRobotics and the AICoR TG help*
Speaker(s): *Please list all speakers with name, function and organisation.*	The speakers below have expressed interest but their participation needs to be confirmed. More speakers will be invited among the AICoR membership. • Paolo Ferrara, FerRobotics, AU • Lukas Silberbauer, taurob, AU • Francesco Ferro, PAL Robotics, ES • Thilo Zimmermann, GPS • Gerhard Kraetzschmar, Univ Bonn, DE • Nick Hawes, Univ Birmingham, UK • Vincent Müller, Anatolia College, Oxford University, UK • Olivier da Costa, EU Commission, BE
How can participants contribute to, and prepare for, the workshop? *Example. "Participants will be asked to participate*	Speakers will be given a specific list of questions related to the "Approach" above. These should be addressed in a short document and in their

in a brainstorming session on current challenges, how projects should be set up to identify optimum solutions, and how benchmarking should be applied".	flash presentations. Questions will be given 4 weeks before the workshop. Answers will be circulated among all speakers one week before the workshop.
Further information: *Links to publications, websites…*	If accepted, Website with background material and program will be set up. Slides will be collected and made available.
Planned follow-up: *Please state what you plan to do with the outcome / results of your workshop. Example "After the workshop, the information collected will be organised in a short report which will be made available to the relevant Topic Groups focussing on systems integration"*	All presentations will be made available on the website. Summary report written by organisers will be on website. Input for next TG meeting and input to MAR and SOD documents.