



IEEE SA - 1872.2 Standard for Autonomous Robotics (AuR) Ontology Working Group

Call and Agenda

Meeting Agenda for May 18, 2018, 1PM-2:30PM UTC

You have been invited to the IEEE SA WG P1872.2 meeting. Join the meeting:

<https://join.skype.com/Buruz9jby49e>

1. Call to order (Howard)
2. Introduction and rosters (Alberto)
3. Approve today's agenda (Howard)
4. Approve prior meeting's minutes (Alberto; May 10)
5. IEEE policy (Paulo; Kathryn Bennett, program manager, IEEE SA)
6. Status updates/previous action items (Howard)
7. Technical discussion
8. Next meeting's topic: nomination of presentation
9. New business/announcements/events/last thoughts
10. Close meeting (Howard)

On May 18th, we celebrated our first official meeting. As it is common in this sort of event, a person from the IEEE - SA has been present, Kathryn Bennett (Senior Program Manager). Howard, as chair of the group, has conducted the meeting going through all the items of our agenda. At the beginning of this document, we can see the people in charge of each of those items.

Minutes for the Official Meeting on May 18, 2018

Alberto Olivares-Alarcos transcribing



Rosters

- Y and N state for Yes and No
- ^ means the attendee is a *Voting Member*
- Members highlighted in **green** are eligible to become a *Voting Member*
- Members highlighted in **red** are eligible to lose *Voting Membership*
- Last column contains today's meeting attendees

Attendee Name	Role	Affiliation	Current Voting	Meetings Attended / last two	18-May
OBSERVATIONS					
Howard Li	Chair	University of New Brunswick, Canada	Y	-	Y^
Paulo Gonçalves	Co-Chair	IDMEC, Portugal	Y	-	Y^
Veera Ragavan	Co-Chair	Monash University, Australia	Y	-	Y^
Alberto Olivares Alarcos	Secretary	IRI-CSIC, Spain	Y	-	Y^
Alaa Khamis	Member	General Motors, Canada	Y	-	Y^
Chris Nowak	Member	DST Group, Australia	-	-	-
João M.L. Quintas	Member	Pedro Nunes Institute, Portugal	Y	-	Y^
Julia Bermejo	Member	UPM, Spain	Y	-	Y^
Ricardo Sanz	Member	UPM, Spain	Y	-	Y^
Stefano Borgo	Member	ISTC/ CNR, Italy	Y	-	Y^
Edison Pignaton	Member	UFRGS, Brazil	Y	-	Y^
Elisa Tosello	Member	UNIPD, Italy	-	-	-
Daniel Beßler	Member	University of Bremen, Germany	-	-	-
Mohammed Diab	Member	UPC, Spain	-	-	-
Marcos E. Bareto	Member	UFBA, Brazil	Y	-	N^
Bao U. Nguyen	Member	University of Ottawa, Canada	Y	-	N^
Joanna I. Olszewska	Member	University of West Scotland, UK	Y	-	Y^
Amelie Gyrard	Member	Knoesis, Wright State University	Y	-	Y^
Edson Prestes	Member	UFRGS, Brazil	Y	-	N^
Sandro R. Fiorini	Co-Chair	IBM, Brazil	Y	-	Y^

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Joel L. Carbonera	Co-Chair	UFRGS, Brazil	Y	-	Y^
Hiren Nakawala	Member	University of Verona, Italy	-	-	-
Carlos Hernández	Member	TU Delft, Netherlads	-	-	-
Abdelghani Cibani	Member	UPEC, France	-	-	-
Eren Erdal Aksoy	Member	Halmstad University / Volvo	-	-	-
Dormant/Inactive					
Kathryn Bennett	Guest	IEEE-SA	N	-	Y
Craig Schlenoff	Member	NIST	N		
Jaeho Lee	Member	University of Seul	N		
JiSang Hoon	Member	KITECH, Republic of Korea	N		
Ki-Yeop Sung	Member	KAR, Republic of Korea	N		
Taeyoung Uhm	Member	KIRO, Republic of Korea	N		
Sebastian	Guest	IEEE-RAS	N		
Christy Bahn	Program Manager	IEEE-SA	N		
Signe Redfield	Guest	United States Naval Research Laboratory	N		
Ali Akbari	Guest	UPC, Spain	N		
Total Attendees					15
			Voting Members	17	17
			Voting Members Present		14
			Quorum		Y

Since our group is really large and our members are not always active due to their respective duties, there is a sub-group of voting members who approve the agenda and the minutes. In order to become a voting member it is necessary to attend two consecutive official meetings and it is possible to lose the voting membership if one misses two consecutive official meetings.

Today is the first official meeting of the group, so the voting members have been selected from the most active members during the previous weekly meetings.

Approval today's meeting agenda

Motion Proposal : Howard

Seconded by: Alberto

Accepted Agenda: Yes

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Approval prior minutes

Minutes were distributed and also made available on our google drive. Thus, members could have read them, but Alberto summarized the minutes to ensure that everyone knew about them.

Motion Proposal: Alberto

Seconded by: Howard

Accepted Minutes: Yes

IEEE policy

Done

Status updates/previous action items (Howard)

- Standard Outline (we need to continue working on it)
- Confirm some presentations for next weeks
- IROS Workshop (Julia is in charge, she needs the presentations of those who are presenting. The presentations will be published on the Workshop's website, but we do not have in mind to publish them into a special issue of a journal).

Technical discussion

Topic: Case Study to validate the Standard's Vocabulary

Alberto presented the work he did with some colleagues for the project of one master's courses. There is a whole video of the presentation for those who did not attend, please, get in touch with Alberto if you want to see it. The comments and questions about the presentation have been included at the end of the slides. The slides have been modified to fulfil the comments of the rest of the members of the group.

Next meeting's topic: nomination of presentation

- June 1st — Stefano's Presentation about the concept of "Resource".
- June 7th — Alaa's Presentation. The talk will be mainly about Society of Automotive Engineers (SAE) standards for autonomous vehicles. They have the following standards:

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- SAE J3016™ (Taxonomy and Definitions)—Published in 2016, provides the first industry-accepted terminology and definitions related to automated/autonomous vehicles. The standard identifies six levels of driving automation from Level Zero (no automation, human driver in full control) to Level 5's hands-off/feet off full vehicle autonomy. NHTSA "Federal Automated Vehicles Policy" has adopted the SAE definitions for levels of automation.
- SAE J3018 (Safe Testing of Highly Automated Vehicles on Public Roads)—Published in May 2015, SAE's On Road Automated Vehicle Committee (ORAV) provides much-requested guidelines for the safe conduct of on-road tests of vehicles equipped with prototype conditional, high, and full (Levels 3-5) automated driving systems, as defined by SAE J3016.
- SAE J3131 Automated Driving Reference Architecture - SAE J3131 defines an automated driving reference architecture that contains functional modules supporting future application interfaces for Levels 3 through 5 (SAE J3016).
- June 15th — Jan Rosell's Presentation about the implementation of our current Ontology and a study case (Jan is the Supervisor of Mohammed) UPC Barcelona, Spain
- End June - Beginning of July — Veera's Presentation for showing the extension of CORA.
- Before July — Presentation about our work and possible case study for GM (Alaa, Howard will 'coordinate' - rest of the group to help)

New business/announcements/events/last thoughts

- ICRA Working Groups meeting. All chairs of our WGs will meet alone. Also, there will be a face to face meeting of our group on May 22nd at GMT+10. The meeting is in Brisbane but there will be a possibility of attending via Skype.
- IROS 2018. Working Group Meeting.
- Next official meeting for July 5

Close meeting (Howard)

Adjourned 2:30 PM UTC