



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

Call and Agenda

Meeting Agenda for October 26, 2020, 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; October 2)
5. Essential Patent Claims (Alberto)
6. Status updates/previous action items (Howard)
7. IEEE Copyright Policy (Howard)
8. Technical discussion (Current status of case study and standard's draft Section 8)
9. Next meeting's topic: nomination of presentation
10. New business/announcements/events/last thoughts
11. Close meeting (Howard)

Minutes for the Official Meeting on October 26, 2020

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	30-Oct
OBSERVATIONS					IROS 26-Oct
Howard Li	Chair	University of New Brunswick, Canada	Y	2	Y^
Paulo Gonçalves	Co-Chair	IDMEC, Portugal	Y	2	Y^
Veera Ragavan	Co-Chair	Monash University, Australia	N	1	Y
Alberto Olivares Alarcos	Secretary	IRI-CSIC, Spain	Y	2	Y^
Alaa Khamis	Member	General Motors, Canada	Y	1	N^
Chris Nowak	Member	DST Group, Australia	Y	1	N^
João M.L. Quintas	Member	Pedro Nunes Institute, Portugal	Y	2	Y^
Julia Bermejo	Member	UPM, Spain	Y	2	Y^
Ricardo Sanz	Member	UPM, Spain	Y	2	Y^
Stefano Borgo	Member	ISTC/ CNR, Italy	Y	2	Y^
Edison Pignaton	Member	UFRGS, Brazil	N	1	Y
Elisa Tosello	Member	UNIPD, Italy	Y	2	Y^
Daniel Beßler	Member	University of Bremen, Germany	N	0	N
Mohammed Diab	Member	UPC, Spain	Y	1	N^
Marcos E. Bareto	Member	UFBA, Brazil	N	0	N
Joanna I. Olszewska	Member	University of West Scotland, UK	Y	2	Y^
Amelie Gyrard	Member	Knoesis, Wright State University	Y	1	N^
Hiren Nakawala	Member	CMR Surgical Ltd, Cambridge, UK	Y	1	^

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Abdelghani Cibani	Member	UPEC, France	N	1	N
Maki Habib	Member	American University in Cairo	Y	2	N^
Dormant/Inactive					
Sandro R. Fiorini	Co-Chair	IBM, Brazil	N	0	
Eren Erdal Aksoy	Member	Halmstad University / Volvo	N	0	
Carlos Hernández	Member	TU Delft, Netherlands	N	0	
Joel L. Carbonera	Co-Chair	UFRGS, Brazil	N	0	
Edson Prestes	Member	UFRGS, Brazil	N	0	
Bao U. Nguyen	Member	University of Ottawa, Canada	N	1	
Kathryn Bennett	Guest	IEEE-SA	N	0	
Craig Schlenoff	Member	NIST	N	0	Y
Jaeho Lee	Member	University of Seoul	N	0	
JiSang Hoon	Member	KITECH, Republic of Korea	N	0	
Ki-Yeop Sung	Member	KAR, Republic of Korea	N	0	
Taeyoung Uhm	Member	KIRO, Republic of Korea	N	0	
Sebastian	Guest	IEEE-RAS	N	0	
Christy Bahn	Program Manager	IEEE-SA	N	0	
Signe Redfield	Guest	United States Naval Research Laboratory	N	0	
Ali Akbari	Guest	UPC, Spain	N	0	
Total Attendees					12
Voting Members			15		15
Voting Members Present					9
Quorum					Y

Alaa and Amelie could have lost their voting membership but they attended today's meeting. Stefano was excused for personal reasons.

Approval today's meeting agenda

Motion Proposal : Howard

Seconded by: Joao

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: Veera

Accepted Minutes: Yes

Call for Essential Patent Claims (Alberto)

The call was raised; no participant raised any concerns or any comments for consideration.

Status updates/previous action items (Howard)

Since today's meeting is one of those occasions in which we yearly meet at IROS. Howard prepared and presented some slides about the current status of our group's work. First, he introduced our group to those who were new during the meeting and then he went through the different activities we have done during this year. The slides are published together with these minutes.

Copyright Policy (Howard)

Done.

Howard went through some slides about the copyright policy of IEEE. This policy is relatively large so we are not going to include all the material here, but two key points must be kept in mind:

- Anything (verbal or written) we discuss we need to make sure it has not copyright, if it has, we cannot discuss it during the meeting without official permission from the copyright holder.
- Whenever you bring some material to the group and it is discussed along with our meetings, you are granting the copyright of it to the IEEE. Either if you are the holder or your affiliation center is the holder. In the later case, you would need permission from your company or university. Note that when something which has copyright it is discussed during our meetings (sometimes permission would be needed), automatically, the copyright license will be granted to the IEEE. Note that anything developed during our group work, will have a copyright license owned by IEEE once the standard gets published.



Technical discussion

Topic: Case study - Current status

Mohammed will reduce the number of robots to one so that we can present two case studies: one with one robot and another one with two robots. Mohammed has already updated the implementation of the definitions after the modifications we have done during the last weeks. He will discuss the implementation with Stefano at the end of this week and their conclusion will be shared as soon as possible.

Topic: Standard's draft - Section 8: Specialization guidelines

Mohammed prepared an outline for section 8, he has been working on it offline with the rest of members who showed interest in it: Elisa, Edison, Hiren and Alberto. During the next weeks the sub-group will continue working offline, once they have more content to show (e.g. axioms, etc.) they will share it with the rest of the group.

Next meeting's topic: nomination of presentation

- [December 3] Alberto and Mohammed will prepare some slides about the status of the case study.

New business/announcements/events/last thoughts

- Found Patent from Magazino (see [here](#)) - Howard working on it
- Meeting on October 30 is cancelled and the meeting on November 5 will be a regular weekly meeting
- Next official meeting - December 3
- Terminology Harmonization Meeting - October 26 10AM-12AM EDT (IROS 2020). Craig Schlenoff presented a brief overview of what will be discussed during the harmonization meeting, in which there will be people from different groups and organizations (IEEE, ISO, RIA, ASME, ASTM, OMG). They will share their views on some overlapping terms defined by all the groups, so that we can avoid conflicts between the different standardization efforts.

Close meeting (Howard)

Adjourned 1:45 PM UTC