

Charter of the Open Source Robotics Alliance Special Interest Group on Physical AI

26 June 2025

Names

The names of the Special Interest Group shall be “Special Interest Group on Physical AI”, “SIG on Physical AI”, and “TGC-SIG-PAI”.

Chair

The Chair of the Special Interest Group shall be Tully Foote.

The Vice-Chair will be Yadunand Vijay who can cover if the Chair is unavailable.

Participation

Participation in the Special Interest Group shall be open to all.

Speaking rights during Special Interest Group meetings shall be provided to all attendees.

Purposes

The purpose of the Special Interest Group shall be to:

- Define standardizations to represent and interface with robots to train, simulate and deploy physical AI models across various embodiments. These embodiments can include but are not limited to serial manipulators, humanoids, quadrupeds, ground, marine, and aerial vehicles.
- Shape roadmaps for various OSRA projects.
 - Identify improvements to core ROS interfaces and libraries to support better integration.
 - Promote the adoption of standardized interfaces, which can support both simulations as well as real world deployments, across projects.
 - Identify features of Gazebo and other simulators that are of particular help for training and testing physical AI models.
- Document standards with examples.
- Collect and collate information that arises in the course of discussions in this venue to inform future actions of the Technical Governance Committee and/or individual Project Management Committees related to the above topic.

Meetings

The Special Interest Group shall meet a minimum of six (6) times per year.

Meetings of the Special Interest Group shall be held online via the teleconference service provided by the OSRF for this purpose.

Meetings may optionally include in-person attendance, provided that online attendance is always available.

Meetings shall be noticed at least seven (7) calendar days in advance.

Meeting notice shall include the date, time, and URL of the online meeting.

Meeting notice should, where possible, contain a detailed agenda of planned presentations, group discussion topics, and other items to be brought up in the meeting.

Meeting minutes

Informal minutes of meetings may be taken, including slides from presentations given during meetings and recordings of meetings.

This material shall be made available to the public.

Activity reports

The Chair of the Special Interest Group shall provide a verbal report of its recent activities in the next meeting of the Technical Governance Committee that takes place after a meeting of the Special Interest Group.

The Chair shall additionally provide the Technical Governance Committee with any documents relevant to the activities of the Special Interest Group, including, but not limited to, slides from presentations received, slides from presentations given, and documents shared with the group.

Asynchronous communication

The Special Interest Group may optionally use one or more asynchronous communication channels, such as a mailing list, a web-based discussion forum, or an asynchronous chat service.

Any communication channels used shall be provided by the OSRF.

Dissolution date

The Special Interest Group shall be automatically dissolved on 26 June 2028, if its Charter is not renewed prior to this date.