

IEEE 2846: Assumptions for Models in Safety-Related Automated Vehicle Behavior

June 2022 Status Report



Accomplishments

The 2846-2022 standard is now published and available for purchase [here](#). The standard is accompanied by a white paper providing a “Literature Review on Kinematic Properties of Road Users for Use on Safety-Related Models for Automated Driving Systems” available [here](#).

Furthermore, we thanked Jack Weast for his 2+ years tenure, and congratulated him for his new position at Intel as he stepped down from the role of Chair of 2846. At this time, Francesca Favaro (Waymo) serves as Acting Chair, aided by Kevin Gay (Uber) in the role of Secretary.

Future Outlook

The working group is now considering proposals for new work items. Submission of new proposals related to the topic of AV behavioral decision-making are welcomed by the posted deadline of July 25, 2022. Proposals submitted so far include the exploration of more complex scenarios, guidelines for curation and validation of assumptions, ADS responses under assumptions on reasonably foreseeable behavior of other road users as well as under limited visibility conditions. Submission criteria are summarized below:

- a. We are asking to format proposals in the standard PAR format (short abstract).
- b. Each proposal should be supported by a minimum of three member entities, so requires two additional supporters beyond the entity submitting it.
- c. We are asking the proposing entity for availability to lead the work
- d. We are asking to indicate the type of document sought (see [these slides](#) for a summary)

Next Meeting: July 27, 2022 12 pm EDT



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Call for Participation - IEEE 2846

Assumptions for Models in Safety-Related Automated Vehicle Behavior

Join us for the next exciting stage of work. Following the [publication of 2846-2022](#), the group is now exploring more complex scenarios, guidelines for curation and validation of assumptions, ADS responses under assumptions on reasonably foreseeable behavior of other road users and under limited visibility conditions.

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