Indy Autonomous Challenge Team Leaders:

As part of our ongoing efforts to ensure the rules and requirements of the Indy Autonomous Challenge (IAC) take into account the impacts caused by the Coronavirus to you and your Team Members, we’re writing to share the following formal modifications to the IAC Rules. This Rules Update #6 builds upon the previously circulated Rules Update #1 (20 March 2020), Rules Update #2 (6 April 2020), Rules Update #3 (9 July 2020), Rules Update #4 (5 August 2020), and Rules Update #5 (20 October 2020).

Round 4 (On-Track) Qualification

The original IAC Rules state that Teams must achieve minimum performance thresholds in the Simulation Race in order to progress to Round 4. These Simulation Race performance thresholds are no longer required to qualify for Round 4.

Instead, Round 4 qualification is based on completion of Hackathon #3 criteria while:

1. Not crashing
2. Staying on the race track
3. Finishing the race at a time that is no more than 105% of the lap times of the car your Team is matched against

If your IAC Team already demonstrated this during Hackathon #3, then it is already qualified for Round 4.

If your IAC Team did not demonstrate this during Hackathon #3, then you have between now and the IAC’s first track weekend at IMS (currently scheduled for 5 June 2021) to do so by matching with a team of your choice, running the simulation, and submitting it to Ansys for confirmation.

Hackathon #4 Safety Demonstration

To help prepare Teams for safe on track performances, Ansys is creating and will be supplying to Teams virtual safety scenarios and drills (e.g. flag responses, pit lane maneuvers, obstacle avoidance, etc.) that can be completed on VRX.

For Teams that demonstrate the aforementioned three safety criteria in their Hackathon #4 performances, these scenarios and drills are optional and will be shared simply as a resources for Teams who wish to undertake them.

For Teams that do not demonstrate the aforementioned three safety criteria in their Hackathon #4
performances, completion of these scenarios and drills will be mandatory (but not a formal component of Round 4 qualification)

**Round #2 Update and Deliverable**

Rules Update #4 (5 August 2020) changed the due date for the Round 2 video submission to February 26, 2021 and required those Teams who had not yet submitted a video to submit a 2-4 page Round 2 update summary.

Teams who submitted their 2-4 page summary on or before 25 November 2020, as required by Rules Update #4, are hereby notified they have satisfied the Round #2 deliverable requirements of the IAC. No further action is required. Teams who did not submit the summary on or before 25 November 2020 have until 15 March 2021 to do so.

Additionally, the Round 2 submission deadline is being changed again to 15 April 2021 so as to allow for Teams to use their ev Grand Prix Autonomous participation as their IAC Round 2 deliverable, should they wish, which was an option afforded in the original IAC Rules.

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Please reach out if you have any questions or concerns about these changes. We hope that through subtle, strategic refinements in our scope and timeline as global conditions and our activities progress, we’ll keep you focused on achieving what matters most to you and us: Supporting your efforts to prepare for October 23, 2021.

Thank you
The Indy Autonomous Challenge Team