Robofest e-Newsletter 07-23-20

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Note: All times are listed in EDT unless otherwise indicated.

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(1) Robofest Online World Championship Kickoff Meeting Scheduled
We have scheduled the "**2020 Robofest Online World Championship Kickoff**" Zoom Presentation
Friday, Jul 31, 2020 09:00 AM Eastern Time (US and Canada)

To Join the Zoom Meeting go to: https://ltu.zoom.us/j/93221716410   Meeting ID: 932 2171 6410

We will present the updated final schedule of events, rules and procedures. The meeting will also be recorded and posted to the Robofest.net website in case you cannot join us in person.

(2) FINAL Robofest World Championship Schedule
We have finalized the **2020 Robofest Online World Championship** (ROWC) Schedule. Start time for each event is 12PM GMT (Greenwich Mean Time)

Fri, Aug 28	Jr. UMC	Fri, Sep 25	Jr. BottleSumo, Time Trial
Sat, Aug 29	Sr. UMC	Sat, Sep 26	Sr. BottleSumo CL & UL, Time Trial
Fri, Sep 11	Jr. & Sr. RoboArts	Oct 2 and 3	No competitions
Sat, Sep 12	Sr. & College RoboMed	Fri, Oct 9	Jr. Game, GolfBowl (Updated)
Fri, Sep 18	Jr. Exhibition	Sat, Oct 10	Sr. Game, GolfBowl (Updated)
Sat, Sep 19	Sr. Exhibition	Sat, Oct 17	Award Ceremonies (Updated)

(3) Mock Event Videos Available
To prepare for the ROWC, the Robofest team has been conducting Mock Online competitions using the Zoom Webinar platform. We have hosted Exhibition, Game and BottleSumo Time Trial events and prepared the following summary videos:
>Mock Online "GolfBowl" Game Competition Video (12min): https://youtu.be/TA5xW40grPo
>Mock Online "GolfBowl" Game Competition Video (29min): https://youtu.be/dyRPhFOId0Q
>Mock Online Exhibition Competition Video (10 min version): https://youtu.be/FkUmZZqOkJ0
>Mock Online Exhibition Competition Video (30 min version): https://youtu.be/b_b_o6_aMYk
>Mock Online BottleSumo Time Trial Video (9 min version): https://youtu.be/qpUGCMc32gQ
>Mock Online BottleSumo Time Trial Video (29 min version): https://youtu.be/fTb7zTPeRko

We have also posted the above videos to the robofest.net home page. If you have any comments or suggestions for improvements, please email robofest@ltu.edu

(4) Online Summer Camp: ML (Machine Learning) for EV3 with Scratch NEW SESSION ADDED
Friday, August 14, 2020, 9:00 am ~ 11:00 am (through the Zoom Meeting app)

Team Size: up to 2 students (5th ~ 12th grade students)
Pre-requisite: at least one year of Lego EV3 and EV3 Software experience is required.
Each team must have an un-assembled EV3 kit with motors and all the standard sensors.
Team's laptop must have Bluetooth, camera, microphone, and Internet access.

To register, go to https://bit.ly/3hoiXZm

Camp Leaning Objectives:

- Learn the concept of Machine Learning (ML): Collect Data, Train, and Test
- Learn basic Scratch 3 to program Lego EV3 with sensors and motors
- Use the machine learning models trained to make EV3 apps in Scratch

Once registered in the Robofest Registration System, each coach will receive a Zoom online class form link by email.

(5) IEEE Volunteers at Robofest Worldwide

Robofest is sponsored by the SE Michigan Chapter of IEEE, and we receive support from chapters around the world to bring the excitement of STEaM education through Robotics to young people. Highlights for the 2020 Robofest season before the lockdown can be found:
https://www.robofest.net/images/1920/IEEE_June.pdf

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