1st IEEE International Conference on Intelligent Reality (IEEE ICIR)

Theme: Realtime Intelligent Assistant for Immersive Environment

12 – 14 May 2021 (Virtual)

Organized by IEEE Digital Reality Initiative under IEEE Future Directions

Call for Competition

Applications Competition

Technological integration of smart interactive devices, immersive technologies, and AI machine learning algorithms is the future of propelling *Intelligent Reality* (IR). We challenge developers to create AI machine learning IR applications to provide real-time decision-making user experience with analytics capability for the immersive (VR/AR/MR/XR) environment.

Instructions

IR Applications (any developers and university students) submitted to the Competition must meet the following guidelines:

- Student must attend an accredited university (for students only)
- Include AI machine learning techniques and run within VR/AR/MR/XR environment
- Be able to run on a cross-platform emulator for evaluation
- Grant IEEE to post codes and data (if any) under public IEEE ICIR GitHub

Evaluation criteria

1. Quality of idea: creativity and originality
2. Implementation of idea: user experience, design, and performance
3. Potential impact on Intelligent Reality: deploy AI machine learning in VR/AR/MR/XR environment

Awards

Winners (at the discretion of the Evaluation Team)

- 1st Place: up to $1000 with 100 Ranking Points and IEEE certificate
- 2nd Place: up to $500 with 50 Ranking Points and IEEE certificate
- 3rd Place: up to $300 with 30 Ranking Points and IEEE certificate
- All other submitters will receive 10 Ranking Points for participation

Ranking Points: Accumulated points submitter earned through all competitions

Competition submission instructions

Interested developers and students please submit your Application Form.

Important Dates

Dec 1, 2020: Submission open for application
Feb 1, 2021: Due date for application
Feb 5, 2021: Notification of acceptance
Apr 12, 2021: Due date to submit code and data (if any) for evaluation
May 7, 2021: Notification of evaluation result
May 14, 2021: Award during ICIR closing ceremony