Best Paper Award – Full Papers Category
First Place Certificate

An Interdisciplinary Approach to High School Curriculum Development: Swarming Powered by Neuroscience

Elise Buckley (Johns Hopkins University Applied Physics Laboratory, USA); Joseph D. Monaco (Johns Hopkins University School of Medicine, USA); Kechen Zhang (Johns Hopkins University, USA); Kevin Schultz (JHU/APL, USA); Robert W. Chalmers and Armin Hadzic (Johns Hopkins University Applied Physics Laboratory, USA); Grace M. Hwang (Johns Hopkins Applied Physics Laboratory & National Science Foundation, USA);

M. Dwight Carr (Johns Hopkins University Applied Physics Laboratory, USA)
Best Paper Award – Full Papers Category
Second Place Certificate

Adapting a STEM Robotics Program to the Covid-19 Pandemic - a Validation of the Proposal Presented at ISEC in 2021

Neville E. Jacobs (IEEE Baltimore Section, USA);
Eric V Sudano (Eric V. Sudano System Solutions LLC, USA)

Roger Ding
US Navy
Section Chair
Princeton/Central Jersey

Ashutosh Dutta
JHU/APL
General Co-Chair
IEEE ISEC 2022

Nagi Naganathan
Microsoft
General Co-Chair
IEEE ISEC 2022

Eman Hammad
Univ. of Texas A&M
TPC Co-Chair
IEEE ISEC 2022

Mithun Mukherjee
NUIST
TPC Co-Chair
IEEE ISEC 2022

Wei-hsing Wang
PRISMS
K-12 Posters Chair
IEEE ISEC 2022
Best Paper Award – Full Papers Category

Second Place Certificate

Developing Surveillance Applications with Raspberry Pi, Django, and Cloud Services

Ravi Rao (Fairleigh Dickinson University)
Best Paper Award – Full Papers Category

Third Place Certificate

Integrating Animation and Game-making in Teaching JavaScript

Shuting Xu, Shuhua Lai and Lissa Pollacia (Georgia Gwinnett College, USA)
Best Paper Award – Work in Progress

First Place Certificate

Towards the Effective Selection of Guest Speakers within an Introductory Electrical and Computer Engineering Course

Henry Griffith (University of Texas at San Antonio, USA);
Jonathan Flores and Ashley Larweck (The University of Texas at San Antonio, USA)
Best Paper Award – Work in Progress
Second Place Certificate

Physical Meaning of Digital Signal Processing: What Students May Think and What They Really Should Know

Konstantin A. Grebenyuk (Saratov State University, Russia)
Best Paper Award – Work in Progress
Third Place Certificate

Engineering Project Activities Designed to Promote STEM Engagement

Zachary Dickinson, Tyler Seelnacht and Ramakrishnan Sundaram
(Gannon University, USA)