Full-Papers

Best Papers (3):

1570631202 - Middle School Students Learn Binary Counting Using Virtual Reality

Eric Nersesian, Margarita Vinnikov, Jessica Ross-Nersesian, Adam Spryszynski and Michael J Lee (New Jersey Institute of Technology, USA)

1570627768 - The Preternship - An Academic-Industry Partnership Model for Early Experiential Learning Experiences in Computer Science Curricula

Matthew Morrison, John Dimpel and Emory Smith (University of Notre Dame, USA)

1570631223 - Electrical Engineering Core Course Laboratory Creation for Non-STEM Majors - Christopher Martino; Dan Opila; Brent West; Louiza Sellami; John Stevens; Deborah Mechtel

Christopher Martino, Dan Opila, Brent West, Louiza Sellami, John Stevens and Deborah Mechtel (United States Naval Academy, USA)

Honorable Mention (2)

1570631223 - A three-year retrospective on offering an embedded systems course with a focus on cybersecurity

Ravi Rao (Fairleigh Dickinson University)

1570631219 - Evaluation of a Snake Jaw Robot to Teach Integrated Biology, Mathematics, and Engineering

Lauren Garofalo, Samantha Sandler and Deeksha Seth (Villanova University, USA)

Work-in-Progress Papers

Best Paper (2)

STEM Leadership and Training for Trailblazing Students in an Immersive Research Environment
Marisel Villafañe-Delgado, Erik Johnson, Marisa Hughes and Martha Cervantes (Johns Hopkins University Applied Physics Laboratory, USA); William Gray-Roncal (Johns Hopkins University Applied Physics Laboratory & Preparation Meets Opportunity Foundation, USA)

Experiment design with Galilean beam expanders for magneto-optical traps and the advanced undergraduate laboratory
Jared Matthew Cochrane (United States Military Academy at West Point, USA); Mary Lanzerotti, Corey Gerving, Seth Barbrow and Anthony Dinallo (USMA, USA)

Most Authorship in last 10 years

Abdullah Konak has authored/co-authored 12 Papers
Ralph Tllinghast has authored/co-authored 10 Papers
Sadan Kluturel has authored/co-authored 9 Papers