

Competitions & Poster Sessions

Student Best Paper Competition by the 21st International Conference on Advanced Vehicle Technologies (AVT)

Throughout the AVT Conference, students will compete in the Best Student Paper competition. The nominated papers are identified in the IDETC/CIE Program. We invite you to attend the technical sessions including the nominating papers to learn about the latest research in vehicle design conducted by your student peers. The award winners will be announced Wednesday at the conclusion of the AVT-8-2 session in Palisades.

Graduate Student Poster Session by the 39th Computers and Information in Engineering Conference (CIE)

The CIE Graduate Student Poster Session highlights latest research conducted in the fields involving computers and information in engineering, such as through the development of new formal representations, languages, software programs, or applications and evaluations of engineering software, or empirical studies on engineering software.

The Graduate Student Poster Session will be held Monday August 19, 2019 from 4:10 pm to 5:15 pm in the Malibu Foyer. Please attend to learn about the cutting edge student research underway in the CIE.

Student Mechanisms and Robotics Design Challenge by the 43rd Mechanisms and Robotics Conference (MR)

The ASME Student Mechanisms and Robotics Design Competition (SMRDC) highlights the innovation of undergraduate and graduate students to design and build a working mechanism and/or robot. The presentations of the SMRDC (MR-11-2) will take place Monday August 19, 2019 from 9:10 am to 10:30 am in the Santa Monica room. Everyone is invited to see the spectacular ideas and realizations devised by students from across the globe. The winners of the SMRDC will be announced Tuesday August 20, 2019 at 10:50 am in California Ballroom B preceding the MR Keynote by Dr. Bar-Cohen.

Student Best Paper Competition by the 15th International Conference on Multibody Systems, Nonlinear Dynamics, and Control (MSNDC)

Throughout the MSNDC Conference, students will compete in the Best Student Paper competition. The nominated papers are identified in the IDETC/CIE Program. We invite you to attend the technical sessions including the nominating papers to learn about the latest research in multibody systems, nonlinear dynamics, and control conducted by your student peers. The award winners will be announced during the Tuesday August 20, 2019 technical committee meeting of the MSNDC at 6 pm in Redondo.

Student Best Paper Competition by the 31st Conference on Mechanical Vibration and Noise (VIB)

Throughout the VIB Conference, students will compete in the Best Student Paper competition. The nominated papers are identified in the IDETC/CIE Program. We invite you to attend the technical sessions including the nominating papers to learn about the latest research in vibrations and acoustics conducted by your student peers. The award winners will be announced in the VIB-2-1 session Monday August 19, 2019 after the award lecture in San Simeon A at 10:50 am.

NSF/ASME Student Design Essay Competition Challenges in the Design of Complex Systems

Students are invited to write essays on their vision for the future of design and manufacturing. These essays are then judged by a panel of faculty from across the United States. This contest has been going on since 1998 and at least ten previous winners have gone on to become faculty members. Essay winners receive funding to attend IDETC and present their work in the form of a poster. Winners this year are the following graduate students Hannah Budinoff (University of California, Berkeley); Jebin Biju and Nafiseh Masoudi (Clemson University); Ahmed Chowhury and Lakshmi Narasimhon (Florida Institute of Technology); Massimigliano Di Luigi (University at Buffalo); Lin Guo (University of Oklahoma); Xiaoyang Mao (Florida Institute of Technology); Anju Nair (Mississippi State University); Shan Peng (University of Oklahoma) and undergraduate students: Jonathan Bessette (University at Buffalo) and Juzel Lloyd (Howard University) These posters are scheduled to be presented at 10:30am in the 4th Floor Foyer.

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2019 IDETC/CIE Student Design Competition

The Student Team Design Competition is open to all student attendees of the 2019 IDETC/CIE. Tuesday evening 20 August 2019, of the IDETC/CIE, students are encouraged to team up for a fast-paced 30-minute Design Challenge. Creativity and innovation of the Design Challenge projects will be evaluated by judges, and top ranked teams will be awarded prizes. Refreshments will be provided at the Design Competition, graciously donated by the ASME Design Engineering Division. Please join us from 6:00 pm to 7:30 pm in California Ballroom C/D for the Student Design Competition.