

The Old Guard Committee

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2019 Oral Competition Judges:

Dr. Sanford G. Meek
Associate Professor
University of Utah

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Senior Application Specialist
Altair Engineering, Inc.

M. Shawn French
Director of Corporate Innovation,
Supply Chain Engineering
Danone North America

John C. Blanton, Ph.D.
Owner and Chief Engineer
Classic Engineering, LLC

The Old Guard programs are funded by the generous donations of dues-exempt ASME members as well as other supporters who share a commitment to enriching the student and early career engineer experience at ASME and their transition to professional life.

The Old Guard is a group of experienced ASME life members dedicated to helping engineering students and early career engineers bridge the gap between college and professional life, and involving them in ASME activities.

**Donate to the
Old Guard Operating Fund:**

ASME - The Old Guard
Attn: Gretchen Crutchfield
1828 L St. N.W.
Suite 810
Washington, DC 20036-5104

THE ASME OLD GUARD

Like all professionals, engineers must possess a well-developed ability to synthesize issues and communicate effectively to diverse audiences.

Among the highlights of the ASME E-Fest program is the Old Guard Oral Presentation Competition.

This competition is designed to emphasize the value of an ability to deliver clear, concise and effective oral presentations, particularly pertaining to some sphere in which an engineer is or should be involved.

**ASME Old Guard
63 rd Annual
Oral Competition
Finals**
Everyone Welcome

**Saturday
November 9, 2019
Marriott—City Creek**



ASME 2019 IMECE®
International Mechanical Engineering
Congress & Exposition®

CONFERENCE
Nov 8-14, 2019
EXHIBITION
Nov 10-13, 2019
Salt Lake City Convention Center,
Salt Lake City, Utah

**ASME Old Guard
Annual Awards for
2018 - 2019**

Old Guard Early Career Award

established 1994

First Place: **Dr. Lee (Mickey) Clemon**

Runner-up Placements:

Trans Mah-Paulson
Kushlani (Kushi) Sellahennedige

Charles T. Main

Student Section Award

established 1919

Gold Medal Winner: **Sandy Karam**

Notre Dame University
Louaize Lebanon

Silver Medal Winner:

Abahijith J. Kumar
Federal Institute of Science
And Technology India

The Arthur L. Williston Award

established 1954

First Place: **Award not presented
this year**

Student Section Advisor Award

established 1990

Dr. Mohammad Mahinfalah
Milwaukee School of Engineering

E-Fest Conferences 2019

Old Guard Oral Competition
Winners List

E-FEST Asia Pacific

held Feb 1- 3 2019 Vellore, India

Host: Vellore Institute of Technology Vellore, India

Satish Ranjan Pradhan First Place
National Institute of Technology, Rourkela
Abhinav Srivastava Second Place
Vellore Institute of Technology

E-FEST West

held March 15 – 17, 2019 Pomona California - Fairplex
Host: Cal State University Pomona, California

Matthew Muhlinghouse ** First Place
University of Oklahoma
Claire Teklitz Second Place
Colorado School of Mines

E-FEST North

Held April 4 – 7, 2019 Michigan State University
Host: Michigan State University East Lansing, Michigan

Shmuel Shollar First Place Rm A
University at Buffalo
Rodolfo Bailón First Place Rm B
Instituto Tecnológico de Ciudad Juárez
Alex Vogler ** Second Place Rm A
Texas Tech University
Daniel Chung Second Place Rm B
United States Military Academy

E-FEST South America

Held August 8 – 10, 2019 Lima, Peru
Host: Pontifica Universidad Catolica del Peru

Sebastian (Andres) Pinto First Place Rm A
San Francisco de Quito (USFQ) Ecuador
Daniel Saromo Mori First Place Rm B
Pontifical Catholic University of Peru
Adrian Mauricio Rêvolo Taipe
Second Place Rm A
Universidad Nacional de Ingeniería Peru
Xavier Sandoval Second Place Rm B
Escuela Politecnica Nacional Ecuador

** Not attending 2019 IMECE

November 9, 2019
Marriott Hotel
Deer Valley Rooms First Floor
Everyone Welcome

Presentation Order

9:00 AM Claire Teklitz Gas or Electric?
9:30 AM Rodolfo Bailón
Exegetic Analysis of a PV System
10:00 AM Satish Ranjan Pradhan
Intelligent Ground Vehicle
10:20 AM Judges Break
10:45 AM Sebastian (Andres) Pinto
Ergonomic Design Of A
Human-Powered Competition Vehicle
11:15 AM Xavier Sandoval
Continuous Passive Motion Device
For Shoulder Rehabilitation
11:35 AM Lunch – On your own
1:00 PM Abhinav Srivastava
A Drone That Can Charge Itself
1:30 PM Daniel Saromo Mori
Spider Robot For Anti-Personnel
Landmine Detection
2:00 PM Daniel Chung
3D Velocity Field Measurements
In Rugged Terrain - Ancho Canyon
2:20 PM Judges Break
2:40 PM Shmuel (Sam) Shollar
ShapeShifter: A Multi-Agent System
for Planetary Exploration
3:10 PM Adrian Mauricio Rêvolo Taipe
Project: self inflating tires for
4 tires vehicles.

**Winners to be announced at the
Connect Event**

Marriott - Salon D & E First Floor
5:00 PM November 9, 2019

**Check out all of the
Old Guard Student and
Early Career Programs at:**
[https://community.asme.org/
old_guard/w/wiki/4003.about.aspx](https://community.asme.org/old_guard/w/wiki/4003.about.aspx)