



SAN DIEGO STATE UNIVERSITY

# What is ASME?

- **ASME SDSU is a project based professional networking group of students at San Diego State University**
- **Provide members with academic and career resources and opportunities for hands-on learning and experience**
- **Support engineering design projects and research and promote entrepreneurial ventures based on engineering innovation**

# Upcoming Events!

- Factory tours:
  - **Taylor Guitar Factory**
  - **Ballast Point Brewing Company.**
- Next GBM
  - Speaker: **SC Engineers**
  - Same place & time
- **Human Powered Vehicle Challenge**
- Modern Engineering and Biotech companies
- **Mentor Night** for meeting engineering representatives
- **FEA Workshop**

# SDC 2018: Robot Soccer at EFest



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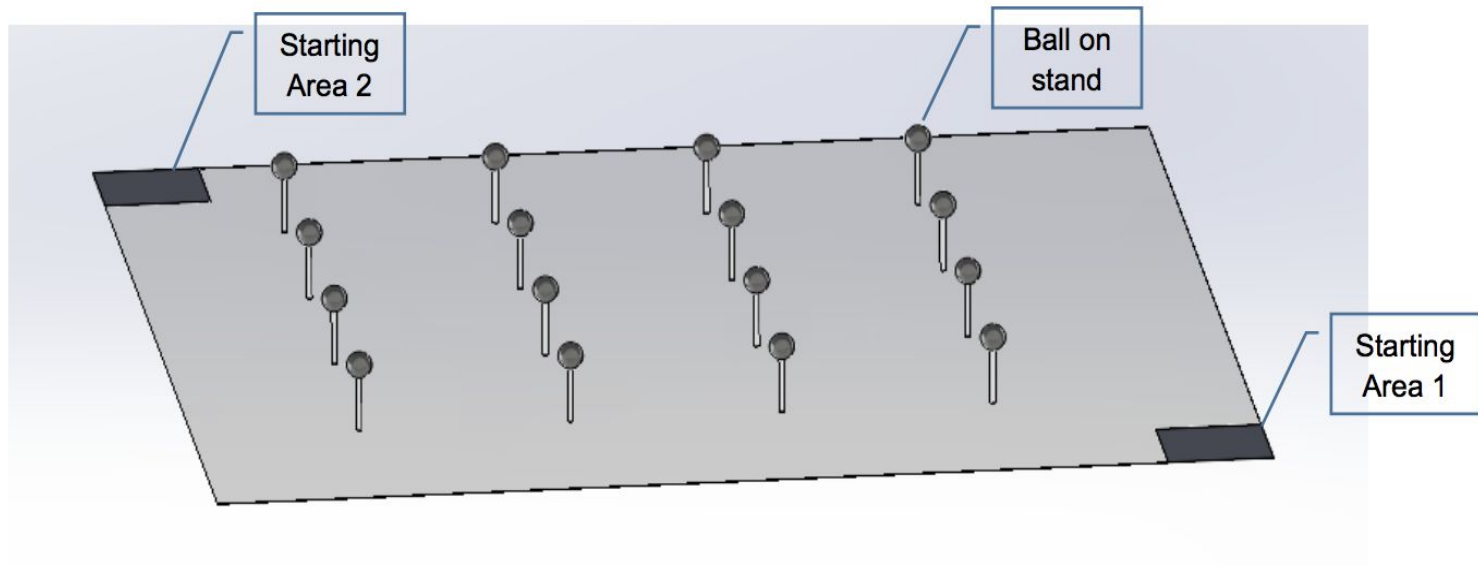
# This Year's Project

The 2019 Student Design Competition challenges your imagination and technical design skills to create a device that can quickly but carefully secure a variety of different balls that will be balancing on tube stands in the middle of a flat playing surface. You must construct a single remotely controlled device to collect as many balls as possible, and place them in a collection area – you must do this quickly, but avoid having balls fall off their stand and hit the ground. The competition will have an initial round where your device will run without competition, and then devices will compete against each other in a knockout format.

- Student Design Competition (SDC)
  - The Pick and Place Race
  - If interested contact me, [dustinaybarra@gmail.com](mailto:dustinaybarra@gmail.com)
  
- What is the Student Design Competition?
  - Use imagination & technical design skills to create a device to solve a problem

# SDC 2019

Overview of the playing surface:



# Design Projects

- Provide Hands on Practice
- Learn Real- World Skills
- Open to all Levels of Experience
- Available to all Majors
- Several Teams to Be a Part of



# HPVC

- Human Powered Vehicle Competition
  - Need multiple subteams for the competition
  - 100 m Sprint, Men's and Women's, and Endurance race
  - Contact me [aaron.eppstein@gmail.com](mailto:aaron.eppstein@gmail.com) if interested

# Example Video

The lesser SDSU (South Dakota State University)

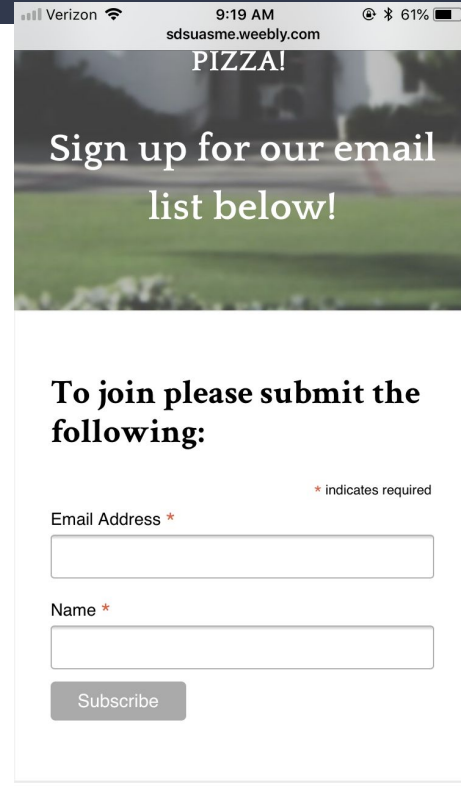
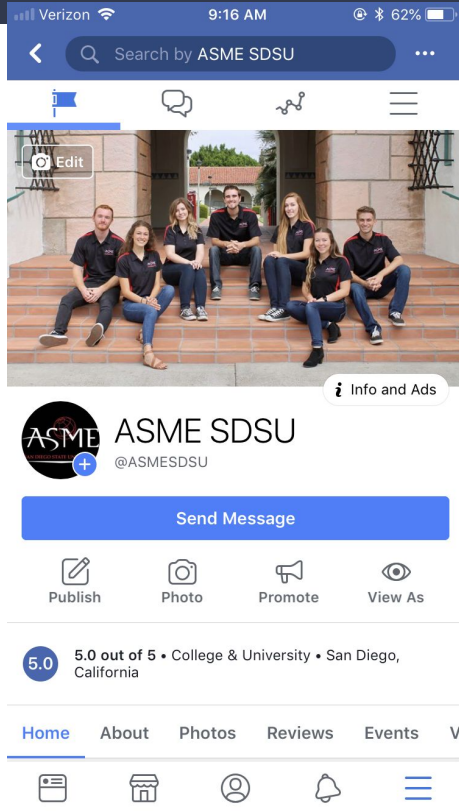
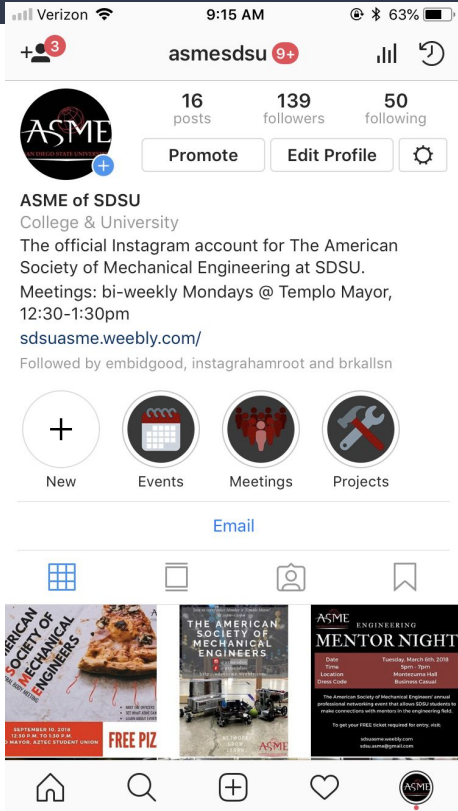


# Membership Benefits and Dues

- ❑ **Silver Membership:**
  - ❑ Dues: \$15
  - ❑ Benefits: official member, able to go on tours, able to participate in projects (**not necessarily competition**)
- ❑ **Gold Membership:**
  - ❑ Dues: \$20
  - ❑ Benefits: all Silver benefits + get your name on ASME SDSU Official Member webpage, complimentary ASME Nalgene water bottle (\$20 value)
- ❑ Prices increase by \$5 after 3rd GBM (October. 8th)

**Cash or Venmo to @Sophia-Stepp**  
**Full Name, Red ID**

# Marketing – Stay Updated!



# Upcoming GBMs!

GBM 2	September 24	12:30pm	Templo Mayor	SC Engineers
GBM 3	October 8	12:30pm	Templo Mayor	Instrumentation Laboratory
GBM 4	October 22	12:30pm	TBA	Clear Blue Sea
GBM 5	November 5	12:30pm	TBA	TBA
GBM 6	November 19	12:30pm	TBA	TBA



Questions?

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\$15 SILVER, \$20 GOLD