### Senior Design Project Presentations

**Starting at 9:40am - 10:10am**

**Project 1: The Florian Project**  
**Group:** Austin Salois, Brandon Russel, Corbin Shatto  
**Project Description:** Developing a system for the relative position tracking for firefighters (RPTTF) while they are inside of a home.

**Faculty Advisor:** Dr. Don Estrich  
**Industry Advisor:** Michael Vargas, Pocket Radar  
**Web page:** [https://www.theflorianproject.com/](https://www.theflorianproject.com/)

**Starting at 10:10 am - 10:40am**

**Project 2: Cellsight**  
**Group:** David Story, Blake Zuniga, Daniel Gil  
**Project Description:** Cellsight, an affordable electronic contraband detector for law enforcement applications.

**Faculty Advisor:** Dr. Mohamed Salem  
**Industry Advisor:** Mr. Chris Stewart, Pocket Radar  
**Web page:** [https://cellsight.wixsite.com/website](https://cellsight.wixsite.com/website)

**Starting at 10:40am - 11:10 am**

**Project 3: Smart Pedestrian Counter**  
**Group:** Logan Lawrence, Sarah Chesbrough  
**Project Description:** Counting the number of pedestrians and bikers using city pathways.

**Faculty Advisor:** Dr. Farid Farahmand  
**Industry Advisor:** Neil Hancock  
**Web page:** [https://www.smartpedestriancounter.com/](https://www.smartpedestriancounter.com/)

**Starting at 11:10am - 11:40am**

**Project 4: Autonomous Recharging of Ariel Vehicles**  
**Group:** Alexander McGinnis, Joseph Haun, Anthony Aboumrad  
**Project Description:** Implementation an intelligent charging platform capable of executing both the controlled, autonomous landing and subsequent wireless recharging of an unmanned aerial vehicle.

**Faculty Advisor:** Dr. Nansong Wu  
**Industry Advisor:** Dr. Pelin Salem, Cisco Systems  
**Web page:** [https://mcginnisa.github.io/ssuuav/](https://mcginnisa.github.io/ssuuav/)

---

**Please Join us at any part of the presentations using the zoom connections below**

**Topic:** Senior Design Presentation  
**Time:** May 1, 2020 08:00 AM Pacific Time (US and Canada)

Join Zoom Meeting  
[https://SonomaState.zoom.us/j/317784244](https://SonomaState.zoom.us/j/317784244)  
Meeting ID: 317 784 244

**Dial by your location**

- +1 669 900 6833 US (San Jose)  
- +1 346 248 7799 US (Houston)  
- +1 253 215 8782 US  
- +1 301 715 8592 US  
- +1 312 626 6799 US (Chicago)  
- +1 646 876 9923 US (New York)

**One tap mobile**

- +16699006833,,317784244# US (San Jose)  
- +13462487799,,317784244# US (Houston)

Meeting ID: 317 784 244  
Find your local number: [https://SonomaState.zoom.us/u/apuER2rqN](https://SonomaState.zoom.us/u/apuER2rqN)

---

**Special Thanks to Our Partners and Sponsors:**

- [Sonoma State University](https://www.sonoma.edu)  
- [Pocket Radar](https://pocketradar.com)  
- [NASA](https://www.nasa.gov)  
- [Keysight Technologies](https://www.keysight.com)  
- [DCW](https://www.dcwtechnologies.com)