

# Project presentations

## Group #1, March 3, 2020

- **2:00PM Olbers' paradox: the darkness of the night sky filled with myriad of stars**
  - Juan Angel Bravo,
  - Scott Harrison LaFerriere,
  - Ariel Lamdan,
  - Kaiqi Shangguan
- **2:20PM Brain - eye connection**
  - Rasheed Alshahrani,
  - Ibraheem Al-Abdulelah,
  - Yifan Li,
  - Tiancheng Xu
- **2:40PM DNA repair models**
  - Mentor: Ruby Abrams
  - Jericho Lawson,
  - Steven Fried,
  - Andrew Alamban
- **3:00PM Stability of inverted pendulum with vibrating base**
  - Mentor: Kevin Luna
  - Devin Johnson,
  - Zach Kirch,
  - Phillip Shelton

## Group #2, March 5, 2020

- **2:00PM Optimization of the thermodynamic balance control between the atmosphere and carbon mixture during its transformation into soil on the facilities of the Biosphere 2**
  - Mentor: Joseph Gibney
  - Eil Salay,
  - Joe Ogren,
  - Parker Liu
- **2:15PM Ocean - atmosphere heat exchange: analysis of data obtained on the facilities of the Biosphere 2**
  - Mentor: Sam McLaren
  - Sasha Sepulveda,
  - Carl Solway,
  - Lyra Troy
- **2:30PM Unexpected around us: the mysteries of the evolution of the moon-earth system**

- Mentor: Tiffany Jones
- Michael Inouye,
- Zack Wellington,
- Kian Milani
- **2:45PM      Evolution future and genealogical trees**
  - Mentor: Nicole Fider
  - Dominique Hughes ,
  - Nur Izzati Johari
  - Ling Yang
- **3:00PM      Stock Trend Evolution**
  - Mentor: Melinda Lanius
  - Taylor Agarwal,
  - Henk Quelle,
  - Cooper Ryan.