

MIT Chemical Engineering Department Spring 2019 Project Competition

10.26/27/29 Chemical, Energy & Biological Engineering Projects Labs

Final Report Oral Presentations

Tuesday, May 14, 2019

1:00-5:00pm in 66-110

- Team 1: Leak Repair in Kite Surfing Bladders**
- Team 2: Cool and Dry: Desiccants for Air Conditioning**
- Team 3: Carbon Capture in the Corning Advanced-Flow Laboratory Reactor**
- Team 4: Membrane Distillation for Desalination of Water**
- Team 7: Production of a Sustainable Palm Oil Alternative from Oleaginous Yeast: Impact of Extraction Method on Oil Yield**
- Team 8: Production of a Sustainable Palm Oil Alternative from Oleaginous Yeast: Optimization of High Pressure Cell Disruption**
- Team 9: Biodegradation and Recycling of Plastics**
- Team 10: Recycling Acid Whey to Nutritious Animal Feed**
- Team 11: Development of a Lift-Off Intradermal Cancer Vaccine Release System using Electrostatic Assembly**

Final presentations for the Projects Labs in the Department of Chemical Engineering. Students work in teams on one project for the term. Teams present proposals, progress reports and final reports, which are judged by both experts and peers. Awards for the best 3 projects will be presented. Students and staff of the Department of Chemical Engineering are invited to attend.