



**Workshop on Sustainable Approaches for
Ag and Food Waste Management
February 11-12, 2019
Agenda**

**Monday, February 11
2159 Snee Hall**

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|---------------|--|
| 8:00 – 8:30 | Introductions and objectives for workshop – Jeff Tester |
| 8:30 – 9:00 | <i>Enhancing Water-Food-Energy in arid regions through waste recycling and reuse – Amit Gross</i> |
| 9:00 – 9:30 | <i>Power-to-gas by converting all biogas into biomethane – Lars Angenent</i> |
| 9:30 – 10:00 | <i>Deeper understanding of co-digestion of domestic wastewater settled solids and food industry waste using molecular biological tools – Ruth Richardson</i> |
| 10:00 – 10:30 | <i>Break</i> |
| 10:30 – 11:00 | <i>Nutrient recycling with pyrolysis – Johannes Lehmann</i> |
| 11:00 – 11:30 | <i>Hydrothermal processing of ag and food waste biomass – Jeff Tester and Kui Wang</i> |
| 11:30 – 12:00 | <i>Membrane distillation for nutrient and water recovery – David Jassby</i> |
| 12:00 – 1:00 | Lunch, 2159 Snee Hall |
| 1:00 – 1:30 | <i>Transforming the broiler production with technology innovation and integration – Xingen Lei</i> |
| 1:30 – 2:00 | <i>Bringing the circular economy into agriculture – Roy Posmanik</i> |
| 2:00 – 2:30 | <i>Re-engineering the integrated biorefinery: A materials approach to in situ biofuel and bioproduct upgrading – Jillian Goldfarb</i> |
| 2:30 – 3:00 | <i>Break</i> |



Monday, February 11 (cont.)
2159 Snee Hall

- 3:00 – 3:30 *Modeling approaches for LCA and TEA of processing options for waste biomass feedstocks* – Fengqi You
- 3:30 – 4:00 *Social life cycle assessment applied to resource recovery from wastewater* – Deborah Sills
- 4:00 – 4:30 *TEA modeling of distributed anaerobic processing of dairy manure and food wastes in NY State* – Nazih Kassem
- 4:30 – 5:30 Open discussion and plans for Tuesday
- 6:30 Dinner, location TBA

Tuesday, February 12
2159 Snee Hall

- 8:00 – 8:30 Plans for joint proposal development – Jeff Tester
- 8:40 – 9:55 CHEME 6661, Bioenergy and Biofuels class, 2154 Snee Hall
- 10:00 – 12:00 Joint proposal planning discussion
- 12:00 – 1:00 Lunch, 2159 Snee Hall
- 1:00 – 2:00 Cornell farm and lab tours