



**ADAPTIVE RESEARCH AND TECHNOLOGIES FROM  
CHEMICAL AND BIOLOGICAL ENGINEERING**

**November 18-20, 2019**

Hyatt Regency Boston, MA

**[aiche.org/startech](http://aiche.org/startech)**

Participate in the **2nd Space Travel: Adaptive Research and Technologies from Biological and Chemical Engineering (STAR Tech)**, an event that brings together experts from industry and academia to discuss space travel technology and capabilities needs, in an effort to accelerate the development of commercial and non-commercial space exploration.

#### SESSION TOPICS

- **Brewing** - This topic area will focus on how to develop fermentation for the production of useful molecules to support a sustainable presence on Earth and in space.
- **Nourishing** - Focus on sustainable strategies of producing nutritious and palatable foods with the dual purpose of supporting food security on Earth and optimal crew health in space.
- **Building** - Focus on developing new chemical, biological, and material science approaches to building components and techniques, for feasible survival in space and sustainable survival on Earth.
- **Reclaiming** - Focus on chemical, biological, and material technologies that optimize resource utilization through reuse and reprocessing of existing "waste" streams.



Submit an abstract, register and  
learn more about **STAR Tech 2019**  
**[aiche.org/startech](http://aiche.org/startech)**



Interested in sponsoring and/or  
exhibiting at this event?  
Contact **[sales@aiche.org](mailto:sales@aiche.org)**

#### CONFERENCE CHAIRS

**Al Sacco**

*Texas Tech*

**John Hogan**

*NASA*

#### ORGANIZING COMMITTEE

**Mark Blenner**

*Clemson University*

**Robyn Gatens**

*NASA*

**Shannon Nangle**

*Harvard Medical School*

**Gerald Sanders**

*NASA*

**Annette Sobel**

*Texas Tech University*

**Mary Werkheiser**

*NASA*

**Mikhail Wolfson**

*Ginkgo Bioworks*