



November 29 - December 1, 2018

Hyatt Regency Clearwater Beach Resort & Spa • Clearwater, FL

The Society for Biological Engineering invites you to participate in the **2nd International Conference on Plant Synthetic Biology, Bioengineering, and Biotechnology, November 29 - December 1, 2018 in Clearwater, FL.**

Plant synthetic biology uses enabling approaches from engineering and plants as platforms to produce self-sustaining and photosynthetic driven traits and bio-production. The emerging field relies on computational modeling and mathematical analysis to design predictable biological functions and sustainable traits. As such the field integrates and encompasses broad applications including biofuels, agriculture, bio-materials, biopharmaceuticals, sustainability and more. All aspects of plant synthetic biology will be discussed in this conference from tools to design predictable functions and precision genome editing, to designed photosynthesis, plant bioengineering techniques, and rational design of novel plant traits.

SUBMIT AN ABSTRACT FOR THE FOLLOWING SESSION TOPICS:

- Tissue Culture and Transformation of Recalcitrant Species
- Transgenic Approaches for Improving Traits and Performance of Crops
- Engineering of the Chloroplast Genome
- Gene-Editing Tools
- Plant Foundry: Biopolymers, Biopharmaceuticals and Medically Effective Secondary Metabolites (Vaccines, Antibodies, and Metabolites)
- Synthetic Biology Tools and Quantitative Aspects of Gene Circuit Design



**Register to Attend by October 29, 2018
for the Best Rates!**

Organized by



KEYNOTE SPEAKERS:

- Poul Erik Jensen
University of Copenhagen
- Johnathan Napier
Rothamsted Research

INVITED SPEAKERS:

- Scott Betts
DuPont Pioneer
- Kim Boutilier
Wageningen University & Research
- Henry Daniell
University of Pennsylvania
- Maureen Hanson
Cornell University
- Bill Gordon-Kamm
DuPont Pioneer
- June Medford
Colorado State University
- Donald Ort
University of Illinois
- Christian Rogers
*Sainsbury Laboratory
University of Cambridge*
- John Shanklin
Brookhaven National Laboratory
- Patrick Shih
Joint BioEnergy Institute
- Christopher Voigt
*Massachusetts Institute
of Technology*

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