

# LASSB

Laboratory of Algal, Synthetic, and Systems Biology  
New York University Abu Dhabi, UAE

3<sup>rd</sup> Annual Mini-Symposium

February 6, 2017

Building A6, Room 006



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## SESSION 1

- 16:00-16:30 **Hsiang-Yu Angie Wang** (*National Tsing Hua University*)  
Quantifying cellular lipids based on optical and dielectric properties of microalgal cells
- 16:30-17:00 **Sachin Khapli** (*NYUAD*)  
Rapid, Label-free, and Quantitative Analysis of Microalgal Lipid Contents Through Confocal Raman Microscopy
- 17:00-17:30 **Michael Boot** (*Technische Universiteit Eindhoven*)  
Trends in engine technology and consequences for future biofuel requirements
- 17:30-17:45 **Break**

## SESSION 2

- 17:45-18:15 **Jim Umen** (*Donald Danforth Plant Science Center*)  
Metabolic reprogramming in green algae: lessons from Volvox
- 18:15-18:45 **Olivier Vallon** (*CNRS/Université Pierre et Marie Curie*)  
The genomes of *Lobosphaera incisa* tell the secrets of a small green coccoid