



Bioenergetics

Chair: Zhiyou Wen

Saturday, April 1, 2017

3:15 pm – 5:15 pm

3:15 pm

Microbial Pretreatment of Biomass for Renewable Energy Production

Jaron Hansen [Brigham Young University]

3:35 pm

Indirect Steam Gasification of Willow Biomass for Enhanced Production of Syngas in an Inductively Heated Batch Reactor

Dorin Boldor; Lavrent Khachatryan [Louisiana State University, USA and Politehnica University of Bucharest, Romania]; Cosmin Marculescu [Politehnica University of Bucharest, Romania].

3:55 pm

Bioenergetics of the Central Valley Water Reclamation Facility in Utah

Phil Heck [Central Valley Water Reclamation Facility, Utah]

4:15 pm

Modeling de novo granulation of anaerobic sludge

Anna Doloman, Honey Varghese, Charles D. Miller, Nicholas S. Flann [Utah State University]

4:35 pm

Bioenergetic Framework for Evaluating Hydrocarbon Treatment of Energy Industry Wastewater

Igor Pererva, Tyler Gladwin, Ronald C. Sims [Utah State University]