



Program

The Berkeley - Tel Aviv Workshop on Bioeconomy

Dates: April 27-28, 2015

Location: Beit Hatfuzot, Tel Aviv University

Monday, April 27

Time	Activity/Speaker	Title
8:45 – 9:15	Get together	
9:15 – 9:30	Greetings	
9:30 – 10:15	Plenary lecture Chris Somerville - UCB	Development of Advanced Biofuels
10:20 – 10:50	Nadav Sorek - UCB	Understanding cell wall biosynthesis for better biomass utilization
10:55 – 11:25	Coffee break	
11:25 – 11:55	Henrik Scheller - UCB	Engineering plants for improved biofuels production
12:00 – 12:20	Avraham Kribus - TAU	Cogeneration of hydrogen and power from wet biomass by super-critical water gasification (SCWG)
12:25 – 12:45	Shaul Yalovsky - TAU	Regulation of secondary wall formation and biomass production
12:50 – 14:15	Lunch break	
14:15 – 14:25	Efrat Oron – PM Office	Funding opportunities by the government
14:30 – 15:15	Plenary lecture David Zilberman - UCB	The political economy of biofuel and GMOs
15:20 – 15:40	Ram Fishman - TAU	Can smallholder agriculture in developing countries be made resource (water and fertilizer) efficient?
15:45 – 16:15	Coffee break	
16:15 – 16:35	Amram Eshel - TAU	Towards harnessing <i>Tamarix</i> (salt cedar) biodiversity for generating desert forests as sources for renewable energy
16:40 – 17:00	Alex Golberg - TAU	Energy efficient seaweed based biorefineries for all inclusive bioeconomy
17:05 – 17:35	William Stewart - UCB	Complements or competitors?: Harvesting bioenergy feedstocks and green building materials from North American forests



Manna Center Program
for Food Safety & Security
Tel Aviv University



Tuesday, April 28

Time	Activity/Speaker	Title
9:00 – 9:30	Get together	
9:30 – 10:15	Plenary lecture Nathan Nelson - TAU	Temperature-sensitive PSII and promiscuous PSI as a possible solution for sustainable photosynthetic hydrogen production
10:20 – 10:40	Brian Rosen - TAU	Intelligent Design of Catalyst Materials for Methane Reforming into Liquid Fuel
10:45 – 11:15	Coffee break	
11:15 – 11:35	Iftach Yacoby - TAU	Algal hydrogen production
11:40 – 12:10	Sheng Luan - UCB	Regulation of mineral nutrition: a critical factor for biomass production in plants
12:15 – 12:35	Assaf Distelfeld - TAU	Towards wild emmer wheat (<i>T. turgidum</i> ssp <i>dicoccoides</i>) genome sequence
12:40 – 13:10	Daniel Zilberman - UCB	The evolution of genomic imprinting in rice
13:15 – 14:30	Lunch break	
14:30 – 17:00	Round table and individual discussions	