



Algae Biomass Summit Agenda

Wednesday
October 7, 2009

Time	General Sessions
8 am	Registration
1 - 1:15	Opening Introductions
1:15 - 1:45 pm	Introductory Key Note Speaker: Dr. Craig Venter, Synthetic Genomics and the J. Craig Venter Institute will present “From Reading to Writing the Genetic Code” . Dr. Venter is regarded as one of the leading scientists of the 21st century for his invaluable contributions in genomic research, most notably for the first sequencing and analysis of the human genome published in 2001 and the most recent and most complete sequencing of the diploid human genome in 2007. He and his teams have sequenced more than 300 organisms including human, fruit fly, mouse, rat, and dog as well as numerous microorganisms and plants.
1:45 - 3:15 pm	<p>Plenary Talks : Science and Technology of Algae Biomass Production (J. Benemann Chair)</p> <p>Plenary 1: Algae Oil Production (Bill Barclay, Martek Biosciences Corporation)</p> <p>Plenary 2: Commercial Algae Biomass Production (Steve Mayfield, Scripps Research Institute)</p> <p>Plenary 3: Growth and Productivity of Algae (John Benemann, Benemann Associates)</p>
3:15 -3:45 pm	Break



Algae Biomass Summit Agenda

Wednesday
October 7, 2009 (continued)

Time	Main Track	Scientific/ Technology Track	Production/Business/ Policy Track
3:45 - 5:45 pm	Concurrent Breakout Sessions	<p>“Ralph Lewin” Tribute Session (Co-chairs: Bill Barclay, Martek Biosciences Corporation and B. Greg Mitchell, The Scripps Institution of Oceanography) Ralph Arnold Lewin, a distinguished scientist, author and professor, who spent nearly 50 years at Scripps Institution of Oceanography, UC San Diego. Lewin was a leading authority in marine biology and “the father of green algae genetics.”</p> <p>Speakers include:</p> <ul style="list-style-type: none"> • Ike Levine, University of Southern Maine • Ami Ben-Amotz, Nature Beta Technologies Ltd. (NBT) / Seambiotics, Ltd. • Michael Borowitzka, Murdoch Univ., Australia • Amir Neori, National Center for Mariculture • Milton Sommerfield, Arizona State University • F. Blaine Metting, Biological Sciences Division, Manager Pacific Northwest National Laboratory 	<p>Modeling and Analysis to Guide Commercialization of Algal Biofuel Technologies (Chair: Phil Pienkos, National Renewable Energy Laboratories)</p> <p>Speakers include:</p> <ul style="list-style-type: none"> • Joel Butler, Solix Biofuels • Len Malcynski, Sandia National Laboratories • David Brune, Clemson University • Michael Huesemann, Pacific Northwest National Laboratory • David Lewis, University of Adelaide
5:45 - 7 pm	Opening Night Reception, Poster Session and Tradeshow – Hosted by ABO.		



Algae Biomass Summit Agenda

**Thursday
October 8, 2009**

Time	Main Track	Scientific/ Technology Track	Production/Business/ Policy Track
7 - 8 am	Continental Breakfast		
8 - 9:45 am	Concurrent Breakout Sessions	<p>Nexus of Wastewater and Algae Biofuels (co-chaired by Robert Schweinfurth, Water Environment Federation and John Benemann – John Benemann Associates) Speakers include:</p> <ul style="list-style-type: none"> • Steve Gluck, Dow Chemical • Mark J. Zivojnovich, HydroMentia, Inc. • Matt Gerhardt, Brown and Caldwell • Tryg Lundquist, California Polytechnic State University • Dr. Rupert Craggs, New Zealand National Institute of Water Atmospheric Research 	<p>Non-fuel based products made from Algae (Chair – Elizabeth Willett, Mars Symbioscience and Ira Levine, U of Southern Maine) Speakers include:</p> <ul style="list-style-type: none"> • Alma Belay, Earthrise Farms • Kirk Apt, Martek Biosciences Corporation • Ben Cloud, XL Renewables Inc. • Don Smith, DuckSmith Farms • Kelly Oglivie, Blue Marble Energy
9:45 - 10:30 am	Break		
10:30 am - noon	Concurrent Breakout Sessions	<p>International Projects and Activities – (Chair - Mario Tredici – University of Florence and President European Algae Biomass Association) Speakers include:</p> <ul style="list-style-type: none"> • Rene Wijffels • Marc Van Aken • Herminia Rodrigues • Ben Graziana - UK Carbon Trust • Stephan Kraan - Nuigalway 	<p>Intellectual property, Regulatory, Legal - Activities in the market (Chair - John Pierce, Wilson Sonsini Goodrich & Rosati - WSGR) Speakers include:</p> <ul style="list-style-type: none"> • Andrew Braff, WSGR • Michael Hostetler, WSGR • Todd Taylor, Fredrickson and Byron • Curt Rich, VanNess Feldman

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Algae Biomass Summit Agenda



Thursday
October 8, 2009 (continued)

Time

noon - 1:15 pm	Lunch and Keynote Speaker - Mary Nichols - California Air Resource Board (tentative)
1:15 - 2:15 pm	<p>Plenary Panel: What are critical end-users views about algae technology (Chair – Michael Lakeman, The Boeing Company; Co-Chair Jennifer Holmgren, UOP) Speakers include:</p> <ul style="list-style-type: none"> • Elizabeth Willett, Mars Symbioscience • Robert Rachor, FedEx • John Walter, Valero • Ibrahim Abou-Nemeh, Novus International
2:15 - 3:15 pm	<p>Plenary Panel: US Government Algal Biomass Programs (Chair -Margaret McCormick – Targeted Growth ; Co-Chair Al Darzins, NREL) Speakers include:</p> <ul style="list-style-type: none"> • Joyce Yang, DOE • Matt Carr, BIO • Walter Kozumbo, USAF • Chris Cassidy, USDA
3:15 - 3:45 pm	Break
3:45 - 5:30 pm	<p>Plenary Panel: Views from the CEOs (Chair Mark Allen)</p> <p>Sapphire Energy - Jason Pyle Solazyme Inc. - Harrison Dillon Livefuels Inc. - Dave Jones Aurora Biofuels - Bob Walsh Kent Bioenergy - Barry Toyonga</p> <p>Robert Lynch - The Strategy of Innovation and Alliances</p>
5:45 - 7:30 pm	Reception, Poster Session, and Tradeshow



Algae Biomass Summit Agenda

**Friday
October 9, 2009**

Time	Main Track	Scientific/ Technology Track	Production/Business/ Policy Track
7 - 8 am	Continental Breakfast		
8 - 9:45 am	Concurrent Breakout Sessions	<p>Science and Technology: general Topics (Chair – Keith Cooksey, Montana State U and Phil Pienkos, NREL). Speakers include:</p> <ul style="list-style-type: none"> • Keith Cooksey, Montana State Univ. • Juergen Polle, Brooklyn • Jordan Peccia, Yale Univ. • Michael Carlton, Targeted Growth • Jim Oyler, Genifuel • Qiang Hu, Arizona State Univ. 	<p><i>Round Table: Financing, Venture Capital and Investment Opportunities</i> (Chair: Tom Byrne) Speakers include:</p> <ul style="list-style-type: none"> • Mark Warner, Harris Group • Tyler Krutzfeldt, Mont Vista Capital • Alex Kinnier, Khosla Ventures
9:45 - 10:15 am	Break		
10:15 am - noon	<p>Plenary Session: What does the algae industry need to do to meet the three pillars of sustainability - economic, environmental, social? How can the industry move effectively forward? (Chair: Dale Smith - The Boeing Company, Co-Chair: Jim Sears –A2BE Carbon Capture LLC) Speakers include:</p> <ul style="list-style-type: none"> • Barbara Stinson, The Meridian Institute • John Sheehan, University of Minnesota • Bill Shireman, Future 500 		
noon - 12:15 pm	Closing Remarks		