

Tuesday, October 6, 2009			
TIME			
5:00 pm – 7:00 pm	Registration [ <i>Lobby Lounge-West</i> ]		
Wednesday October 7, 2009			
TIME	MAIN TRACK [ <i>Marriott Hall 4-6</i> ]	SCIENCE/TECHNOLOGY TRACK [ <i>Marriott Hall 4</i> ]	PRODUCTION/BUSINESS /POLICY TRACK [ <i>Marriott Hall 5</i> ]
8:00 am – 5:30 pm	Registration [ <i>Lobby Lounge-West</i> ]		
Noon – 7:00 pm	Trade Show and Poster Session [ <i>Marriott Hall 1-3</i> ]		
1:00 - 1:15 pm	Opening Introductions: <b>Bill Glover</b> , The Boeing Company and ABO Chairman, <b>Mary Rosenthal</b> , ABO Executive Director, <b>Lisa Bicker</b> , CleanTECH San Diego, <b>Dr. B. Greg Mitchell</b> , The Scripps Institution of Oceanography and San Diego Program Chair [ <i>Marriott Hall 4-6</i> ]		
1:15 - 1:45 pm	Introductory Keynote Speaker: <b>Dr. Paul Roessler</b> , Synthetic Genomics [ <i>Marriott Hall 4-6</i> ]		
1:45 – 3:15 pm	Plenary Talks: Science and Technology of Algae Biomass Production (Chair: <b>Dr. John Benemann</b> , John Benemann Associates) Plenary 1: Algae Oil Production: <b>Dr. Bill Barclay</b> , Martek Biosciences Plenary 2: Commercial Algae Biomass Production: <b>Dr. Steve Mayfield</b> , Scripps Research Institute Plenary 3: Growth and Productivity of Algae: <b>Dr. John Benemann</b> , John Benemann Associates [ <i>Marriott Hall 4-6</i> ]		
3:15 – 3:45 pm	Break [ <i>Marriott Hall 1-3 and Foyer</i> ]		
3:45 – 5:45 pm	Concurrent Breakout Sessions	<p><i>Ralph Lewin</i> Tribute Session (Co-chairs: <b>Bill Barclay</b>, Martek Biosciences and <b>Dr. B. Greg Mitchell</b>, The Scripps Institution of Oceanography)</p> <p>Ralph Arnold Lewin, a distinguished scientist, author and professor, spent nearly 50 years at The Scripps Institution of Oceanography, University of California, San Diego where he was a leading authority in marine biology and the father of green algae genetics.</p> <p>Speakers:</p> <p><b>Dr. Ira “Ike” Levine</b>, University of Southern Maine</p> <p><b>Prof. Ami Ben-Amotz</b>, Nature Beta Technologies/Seamiotic</p> <p><b>Prof. Michael Borowitzka</b>, Murdoch University</p> <p><b>Dr. F. Blaine Metting</b>, Pacific Northwest National Laboratory</p> <p><b>Dr. Amir Neori</b>, National Center for Mariculture</p> <p><b>Prof. Milton Sommerfield</b>, Arizona State University</p> <p>[<i>Marriott Hall 4</i>]</p>	<p>Modeling and Analysis to Guide Commercialization of Algal Biofuel Technologies</p> <p>(Chair: <b>Dr. Phil Pienkos</b>, National Renewable Energy Laboratories)</p> <p>Speakers:</p> <p><b>Dr. David Brune</b>, Clemson University</p> <p><b>Joel Butler</b>, Solix Biofuels</p> <p><b>Dr. Michael Huesemann</b>, Pacific Northwest National Laboratory</p> <p><b>Dr. David Lewis</b>, University of Adelaide</p> <p><b>Len Malczynski</b>, Sandia National Laboratories</p> <p><b>Dr. Meghan Starbuck</b>, New Mexico State University</p> <p>[<i>Marriott Hall 5</i>]</p>
5:45 – 7:30	Welcome Reception, Poster Session and Tradeshow, sponsored by Prize Capital		

pm	[Marriott Hall 1-3 and Foyer]
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<b>Thursday October 8, 2009</b>			
<b>TIME</b>	<b>MAIN TRACK</b> <i>[Marriott Hall 4-6]</i>	<b>SCIENTIFIC/TECHNOLOGY TRACT</b> <i>[Marriott Hall 4]</i>	<b>PRODUCTION/BUSINESS/POLICY TRACK</b> <i>[Marriott Hall 5]</i>
7:00 am – 5:30 pm	Registration [Marriott Hall Foyer]		
7:00 am – 7:30 pm	Trade Show and Poster Session <i>[Marriott Hall 1-3 and Foyer]</i>		
7:00 – 8:00 am	Continental Breakfast – sponsored by The Boeing Company <i>[Marriott Hall 1-3 and Foyer]</i>		
8:00 – 9:45 am	Concurrent Breakout Sessions	Nexus of Wastewater and Algae Biofuels (Co-chairs: <b>Robert Schweinfurth</b> , Water Environment Federation and <b>Dr. John Benemann</b> , John Benemann Associates) Speakers: <b>Dr. Rupert Craggs</b> , New Zealand National Institute of Water Atmospheric Research <b>Dr. Matt Gerhardt</b> , Brown and Caldwell <b>Dr. Steve Gluck</b> , Dow Chemical <b>Dr. Tryg Lundquist</b> , California Polytechnic State University <b>Mark J. Zivojnovich</b> , HydroMentia <i>[Marriott Hall 4]</i>	Non-fuel Based Products Made from Algae (Co-chairs: <b>Elizabeth Willett</b> , Mars Symbioscience and <b>Dr. Ira Levine</b> , University of Southern Maine) Speakers: <b>Dr. Kirk Apt</b> , Martek Biosciences <b>Dr. Amha Belay</b> , Earthrise Nutritionals <b>Ben Cloud</b> , XL Renewables <b>Kelly Ogilvie</b> , Blue Marble Energy <b>Dr. Don Van Pelt Smith</b> , DuckSmith Farms and Smith Algae <i>[Marriott Hall 5]</i>
9:45 – 10:30 am	Break <i>[Marriott Hall 1-3 and Foyer]</i>		
10:30 am – Noon	Concurrent Breakout Sessions	International Projects and Activities – (Chair: <b>Prof. Mario Tredici</b> , University of Florence & President, European Algae Biomass Association) Speakers: <b>Dr. Ben Graziano</b> , U.K. Carbon Trust <b>Dr. Stephan Kraan</b> , Nuigalway <b>Dr. Herminia Rodríguez</b> , Instituto de Bioquímica Vegetal y Fotosíntesis, University of Sevilla-CSIC <b>Dr. Rene Wijffels</b> , Wageningen University & Research <b>Marc Van Aken</b> , SBAE Industries <i>[Marriott Hall 4]</i>	Intellectual Property, Regulatory, Legal Activities in the Market (Chair: <b>John Pierce</b> , Wilson Sonsini Goodrich & Rosati) Speakers: <b>Chris Groobey</b> , Wilson Sonsini Goodrich & Rosati <b>Dr. Michael Hostetler</b> , Wilson Sonsini Goodrich & Rosati <b>Curt Rich</b> , Van Ness Feldman <b>Todd Taylor</b> , Fredrickson and Byron <i>[Marriott Hall 5]</i>
Noon – 1:15 pm	Keynote Speaker and Luncheon, sponsored by Raytheon - <b>Jacques Beaudry-Losique</b> , Deputy Assistant Secretary, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy – <i>[San Diego Ballroom]</i>		
1:15 – 2:15 pm	Plenary Panel: The Critical End-Users' Views about Algae Technology (Co-chairs: <b>Michael Lakeman</b> , The Boeing Company and <b>Dr. Steve Lupton</b> , UOP – a Honeywell Company) Speakers: <b>Dr. Ibrahim Abou-Nemeh</b> , Novus International <b>Robert Rachor</b> , FedEx		

	<p><b>Elizabeth Willett</b>, Mars Symbioscience  <b>John Walter</b>, Valero Energy Corporation  <i>[Marriott Hall 4-6]</i></p>		
2:15 – 3:15 pm	<p>Plenary Panel: U.S. Government Algal Biomass Programs <i>[Marriott Hall 4-6]</i>          (Chairs: <b>Dr. Margaret McCormick</b>, Targeted Growth and <b>Dr. Al Darzins</b>, National Renewable Energy Laboratory)          Speakers:  <b>Dr. Matt Carr</b>, Biotechnology Industry Organization  <b>Chris Cassidy</b>, United States Department of Agriculture  <b>Dr. Walter Kozumbo</b>, United States Air Force  <b>Rich Walters</b>, National Energy Technology Laboratory  <b>Dr. Joyce Yang</b>, U.S. Department of Energy  <i>[Marriott Hall 4-6]</i></p>		
3:15 – 3:45 pm	<p>Break <i>[Marriott Hall 1-3 and Foyer]</i></p>		
3:45 – 5:30 pm	<p>Plenary Panel: Industry Leadership, Vision, and Collaboration (Co-chairs: <b>Mark Allen</b>, A2BE Carbon Capture and <b>Jason Pyle</b>, Sapphire Energy)          Speakers:  <b>Dr. Harrison Dillon</b>, Solazyme  <b>Dave Jones</b>, Livefuels  <b>Dr. Jason Pyle</b>, Sapphire Energy  <b>Dr. Barry Toyonaga</b>, Kent BioEnergy  <b>Bob Walsh</b>, Aurora Biofuels  <b>Robert Lynch</b>, The Strategy of Innovation and Alliances  <i>[Marriott Hall 4-6]</i></p>		
5:30 – 7:30 pm	<p>Networking Reception, Poster Session, and Tradeshow, sponsored by Sapphire Energy <i>[Marriott Hall 1-3 and Foyer]</i></p>		
<b>Friday October 9, 2009</b>			
<b>TIME</b>	<b>MAIN TRACK</b> <i>[Marriott Hall 4-6]</i>	<b>SCIENTIFIC/TECHNOLOGY TRACT</b> <i>[Marriott Hall 4]</i>	<b>PRODUCTION/BUSINESS/POLICY TRACK</b> <i>[Marriott Hall 5]</i>
7:00 – 9:00 am	<p>Registration <i>[Marriott Hall Foyer]</i></p>		
7:00 am – Noon	<p>Trade Show and Poster Session <i>[Marriott Hall 1-3 and Foyer]</i></p>		
7:00 – 8:00 am	<p>Continental Breakfast <i>[Marriott Hall 1-3 and Foyer]</i></p>		
8:00 - 9:45 am	<p>Concurrent Breakout sessions</p>	<p>General Topics in Science and Technology (Co-Chairs: <b>Dr. Keith Cooksey</b>, Montana State University and <b>Dr. Phil Pienkos</b>, National Renewable Energy Laboratory).          Speakers:  <b>Dr. Michael Carlton</b>, Targeted Growth  <b>Dr. Keith Cooksey</b>, Montana State University  <b>Dr. Qiang Hu</b>, Arizona State University</p>	<p>Financing, Venture Capital, and Investment Opportunities Roundtable          (Chair: <b>Tom Byrne</b>, Byrne &amp; Company)          Speakers:  <b>Alex Kinnier</b>, Khosla Ventures  <b>Tyler Krutzfeldt</b>, Mont Vista Capital  <b>Arama Kukutai</b>, Finistere Ventures  <b>Joe Panetta</b>, BIOCUM  <b>Mark Warner</b>, Harris Group</p>

		<p><b>Jim Oyler</b>, Genifuel  <b>Dr. Jürgen Polle</b>, Brooklyn College of the City, University of New York  <i>[Marriott Hall 4]</i></p>	<p><i>[Marriott Hall 5]</i></p>
9:45 – 10:15 am	Break <i>[Marriott Hall 1-3 and Foyer]</i>		
10:15 am – Noon	<p><b>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? (Co-chairs: Dale Smith, The Boeing Company and Jim Sears, A2BE Carbon Capture)</b></p> <p>Speakers:</p> <p><b>John Heissenbuttel</b>, The Meridian Institute (US-CAP)  <b>Ron Pate</b>, Sandia National Laboratories  <b>John Sheehan</b>, University of Minnesota  <b>Bill Shireman</b>, Future 500  <b>Cai Steger</b>, Natural Resources Defense Council  <i>[Marriott Hall 4-6]</i></p>		
Noon - 12:15 pm	Closing Remarks and Adjournment <i>[Marriott Hall 4-6]</i>		
	<b><i>Presentations and speakers may be subject to change</i></b>		