



IBSCE 2017

2nd International Bioenergy (Shanghai) Conference and Exhibition

Conference: 20-21 April
Kerry Hotel Pudong, Shanghai
Exhibition: 19-21 April
Shanghai New Int'l Expo Center

An event by EUBCE



Programme Outline

Wednesday, 19 April

Thursday, 20 April

Friday, 21 April

09:00	EXHIBITION	OPENING	EXHIBITION	09:00	
10:45		1AO.1 - Topic 1 Biomass resources assessment		3BO.1 - Topic 3 Biogas process management with different feedstocks	10:30
11:00		Lunch break		4BO.2 - Topic 4 Biomass conversion to fuels and chemicals and techno-economic assessment	10:45
12:30		2AO.2 - Topic 2 Research in the gasification technologies and ash chemistry		Lunch break	12:15
13:30		Coffee Break		4BO.3 - Topic 4 Biomass pyrolysis and products	13:30
15:00		2AO.3 - Topic 2 Research and development concerning aspects of gas utilization and emission reduction		Coffee Break	15:00
15:15		3AO.4 - Topic 3 Options for management of wastes including MSW for power and renewable gas		4BO.4 - Topic 4 Processes for biomass pretreatment	15:15
16:45				5BO.5 - Topic 5 Tools and initiatives for bioenergy	16:45
17:00					17:00
18:30					18:30

Topics / Subtopics	1: ASSESSMENT AND PRODUCTION OF BIOMASS RESOURCES <ul style="list-style-type: none"> - Assessment of biomass potential and land availability for biomass at regional and national levels; - Production supply and logistics of biomass from agricultural activities; - Biomass from energy crops and plantations (including algae); - Potentials and production of municipal and industrial organic wastes; - Bioremediation and reutilization potentials of contaminated land and water for biomass; - Environmental and social impact of biomass supply;
	2: SYSTEMS AND TECHNOLOGIES FOR BIOMASS POWER AND HEAT <ul style="list-style-type: none"> - Biomass for power and heat generation in large scale applications; - Small-scale biomass combustion power generation; - Biomass gasification power generation and applications; - Production and applications of biomass molding fuels (solid biofuels: pellets/briquettes); - Emissions control in biomass heat and power facilities; - Approaches and methods for efficiency improvements; - Integration with other energy sources and storage solutions;
	3: PROCESSES AND TECHNOLOGIES FOR BIOGAS AND BIO-NATURAL GAS (BIOMETHANE) <ul style="list-style-type: none"> - Characterisation of biogas feedstocks; - Biomass pretreatment methods and solutions; - Household biogas production and effective utilization; - Medium and large scale biogas engineering; - High value utilization of the solid residue (digestate) from anaerobic processes; - Emissions management at biogas installations; - Biogas purification and enrichment; - Bio-natural gas distribution and utilization; - Integration with other energy sources and storage solutions;

4: PROCESSES AND SYSTEMS FOR BIOFUELS AND BIOMATERIALS <ul style="list-style-type: none"> - Production of liquid fuels from oil-based biomass (biodiesel, aviation biofuels, etc.); - Production processes for advanced biofuels; - Production processes for bioenergy carriers; - Industrialization of non-grain fuel as methanol, ethanol and higher alcohols; - New and emerging trends in methanol, ethanol and higher alcohol production from cellulosic biomass; - Biofuels in future transportation systems; - Integration with other energy sources and storage solutions; - Production of biobased chemicals;
5: TOOLS AND INITIATIVES FOR BIOENERGY <ul style="list-style-type: none"> - Bioenergy national policies and strategies for international cooperation; - Bioenergy markets and strategies for international trade; - Standardization as tool for trade; - Financing sustainable bioenergy projects; - International platforms and support activities to the energy stakeholders; - Bioenergy and Carbon Capture Storage (CCS) and Carbon Capture and Utilisation (CCU) solutions;

