

Tag 1 - Day 1

Hörsaal 2 - Lecture hall 2

International Congress
March 30 - April 1, 2011

University of Hohenheim, Stuttgart, Germany

exhibition + poster session + field trips

Progress in Biogas II

Biogas production from agricultural biomass and organic wastes

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08:30	
08:45	
09:00	
09:15	
09:40	
10:05	
10:30	

10:55	Kaffeepause - Coffee break
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Moderation: Manfred Dederer & Jörg Messner

11:20	Hélène Carrère INRA, Laboratoire de Biotechnologie de l'Environnement FRANCE	Biogas aus Lignocellulose: Einfluss verschiedener Vorbehandlungen - Biogas from lignocellulosic biomass: Interest of pretreatments
11:40	Paolo Balsari Department of Agricultural, Forestry, Environmental Engineering and Land based Economics (DEIAFA) University ITALY	Einfluss physikalischer und thermischer Vorbehandlung auf den Biogasertrag einiger landwirtschaftlicher Nebenprodukte - Effect of physical and thermal pre-treatments on biogas yield of some agricultural by-products
12:00	Rainer Bolduan EIFER Institute GERMANY	Bioextrusion von Grünabfällen zur Biogasproduktion - Methanertrag und Energiebilanz - Bioextrusion pretreatment of green waste for biogas production - Methane yield and energy balance
12:20	Angela Orozco School of Chemistry and Chemical Engineering, Queen's University Belfast NORTHERN IRELAND	Bewertung eines Vorbehandlungsverfahrens zur verbesserten Methanausbeute aus Grassilage - Evaluation of a pretreatment process for improved methane production from grass silage
12:40	Diskussion - Discussion	

12:55	Mittagspause - Lunch break
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14:15	Jindřich Procházka Institute of Chemical Technology in Prague, Faculty of Environmental Technology, Dept. of Water Technology and Environmental Engineering, CZECH REPUBLIC	Anaerobe Pilze und Biogaserzeugung - Anaerobic fungi and biogas production
14:35	Andrea Wagner BAG Budissa Agroservice GmbH GERMANY	Konservierung von Zuckerrüben zur Biogasproduktion - Preservation of sugar beets for biogas production
14:55	Sreesha Malayil Centre for Sustainable Technologies, Indian Institute of Science INDIA	Fasern, Biogas und Kompost aus Abfällen der Bananen-industrie (Blätter, Pseudostamm, Rhachis) durch Vergärung in einem Ppropfenstromfermenter - Fibre, biogas and compost from banana agro-residues (leaves, pseudostem and rachis) by anaerobic digestion in plug flow type digester
15:15	Johann Rietzler R & H Umwelt GmbH GERMANY	Biogasgewinnung aus Nebenprodukten der Zuckerrohr-gewinnung - Extraction of biogas from waste products of the sugarcane industry
15:35	Diskussion - Discussion	

15:50	Kaffeepause - Coffee break
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16:15	Walter Danner BME GmbH GERMANY	Praktische Erfahrungen mit der Vergärung von Stroh in zweistufigen Biogasanlagen - Erweiterung der Wert-schöpfungskette - Practical Experiences with the Digestion of Straw in 2-Stage AD Plants - Extension of the Value Chain
16:35	Daniel Klein TU Braunschweig, Institute of Sanitary and Environmental Engineering GERMANY	Verbesserung der Biogasproduktion auf Kläranlagen durch Co-Vergärung von Gras - Improving biogas production on wastewater treatment plants by co-digestion of grass
16:55	Francesco Romagnoli Riga Technical University, Institute of Energy Systems and Environment LATVIA	Ökobilanz der Erzeugung von Algenbiomasse zur Biogasproduktion - Generation of algal biomass for biogas production: a Life Cycle Assessment (LCA) perspective
17:15	Monika Heiermann Leibniz-Institute for Agricultural Engineering Potsdam-Bornim, Departement of Technology Assessment and Substance Cycles GERMANY	Risikoreduzierung bei der Verbreitung von Pflanzenkrankheiten durch anaerobe Vergärung? Erste Ergebnisse aus Laborversuchen - Risk reduction in spreading phytopathogens by anaerobic digestion? First results from laboratory experiments
17:35	Diskussion - Discussion	

17:50	Ende - End
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