

HITEC Theme Day

Title: Biogenic Gases – from Production to Application

Date: 9-10 February, 2015

Time: 10:00 (9 Feb, departure) – 15:00 (10 Feb, departure)

Location: Ruhr-Universität Bochum ► Build. IC, third floor, R 156; IC 3-156

Monday, 9 February

13:00 – 13:10	Welcome and Introduction <i>Prof. Dr.-Ing. Roland Span, Ruhr-University Bochum, Thermodynamics</i>
13:10 – 14:00	Biogenic Gases from Fermentative Biogas Plants <i>Dr.-Ing. Mandy Gerber, Ruhr-University Bochum, Thermodynamics</i>
14:00 – 15:00	Biogenic Gases from Thermal Gasification <i>Prof. Dr. Harald Kruggel-Emden, Ruhr-University Bochum, Energy Plant Technology</i>
15:00 – 15:30	Coffee break
15:30 – 16:30	Hydrogen Production from Algae and Enzymes <i>Prof. Dr. Matthias Rögner, Ruhr-University Bochum, Plant Biochemistry,</i>
16:30 – 18:00	Lab Tours, Part 1: Biology, Biogas Afterwards walk to Jugendherberge Bochum, Humboldtstraße 59 – 63, 44787 Bochum
19:00	Tour of ‘Bermuda Triangle’ and Dinner Meeting Point: Entrance of U-Bahn (Subway), stop: Engelbertsbrunnen

Tuesday, 10 February

9:00 – 10:00	Gas Conditioning by Sorption Processes <i>Prof. Dr.-Ing. Tobias Fieback, Ruhr-University Bochum, Thermodynamics</i>
10:00 – 11:00	Tracking of Biogenic Gases in Gas-Distribution Grids <i>Dipl.- Ing. Andreas Hielscher, Ruhr-University Bochum, Thermodynamics</i>
11:00 – 11:30	Coffee break
11:30 – 12:30	Thermodynamic Properties of Biogenic Gases <i>Prof. Dr.-Ing. Roland Span, Ruhr-University Bochum, Thermodynamics</i>
12:30 – 13:30	Lab Tours, Part 2: Gasification, Sorption
Afterwards	Lunch at Mensa