



PRELIMINARY PROGRAM 16. UMBERTO USER WORKSHOP

September 01/02, 2011 in Berlin, Germany

As of August 26, 2011

THURSDAY, SEPTEMBER 01, 2011

09:30 Registration of Participants

10:00 Welcome and Program Overview

CARBON FOOTPRINTING

10:10 HOBAS Carbon Footprint - Project Czajka
Victor Vladimirov, HOBAS Engineering GmbH, Austria

10:40 Product carbon footprint in automotive industry
Hank Hwang, IXON Technology Co., Ltd, Taiwan

11:10 Cookie and chocolate product carbon footprint
Carlos Naranjo Merino, GAIA Servicios Ambientales, Colombia

11:40 Coffee and tea

12:00 Carbon footprints of Spanish wines
Cristina Arbolí, Grupo Arce Consultoria, Spain

12:30 Calculating corporate carbon footprints
Janno Rothfos, Martina Prox, ifu Hamburg GmbH, Germany

13:00 Lunch break

LIFE CYCLE ASSESSMENT CASES & DATA

14:30 Life cycle assessment of hazardous waste treatment in Bavaria
Matthias Seitz, bifa Umweltinstitut GmbH, Germany

15:00 Life cycle assessment – simulation of an organic dairy farm
Maximilian Schüler, Johann Heinrich von Thünen-Institut (vTI), Germany

15:30 Coffee and tea

16:00 Introduction of Ionic liquids as a new catalyst in the homogeneous catalysed transesterification
- handling uncertainty during ecobalancing
Mandy Wesche, Braunschweig University of Technology, Germany

16:30 Using monte-carlo-simulations for uncertainty assessment of the GHG mitigation potential of a
bioenergy generation network
Anja Hansen, Leibniz Institute for Agricultural Engineering Potsdam-Bornim, Germany

17:00 Environmental product declaration in the building sector - the DORMA case
Martin Blumberg, brands & values GmbH, Germany

17:30 Time for check-in to hotel

18:30 Social program including dinner (free of charge, registration required)

FRIDAY, SEPTEMBER 02, 2011

UMBERTO STUDENT AWARD 2011

09:00 Umberto Student Award 2011
Alexander Scheibner, ifu Hamburg GmbH, Germany

REVENUES, RESOURCE EFFICIENCY AND REPUTATION

09:30 Bottleneck identification in a continuous production plant
Klaus Wohlmann, Martin Schottler, Arcade Process Engineering GmbH, Germany

10:00 Resource efficient manufacturing - material flow model of a paint shop
Steffen Witte, Benjamin Boehnke, Volkswagen AG, Germany

10:30 Coffee and tea

11:00 How to utilize Umberto for reputation and revenue building
Uwe Lübbermann, Premium-Cola, Germany

11:30 Resource efficiency of a weaving mill in Uhingen
Tobias Viere, ifu Hamburg GmbH, Germany

12:00 From Waste Air Treatment to Resource Efficiency - An Example from the Chemical Industry
Nikolaus Thißen, Bayer Technology Services GmbH, Germany

12:30 Lunch break

FROM SIMPLE TO ADVANCED MODELING APPROACHES

14:00 Simple Umberto-based models, as a successful tool for preparation of diploma works in the field of material flow management
Robert Bat'a, University of Pardubice, Czech Republic

14:30 Sensitivity analysis of one scenario's parameters
Yoann Méry, INSA Toulouse (LISBP), France

15:00 The quince method: Integration of material flow modeling and pinch analysis
Christian Hasenstab, Leuphana University Lüneburg, Germany

15:30 Workshop roundup
Martina Prox, ifu Hamburg GmbH, Germany

15:45 Closing of the workshop

Please don't hesitate to contact us, if you have any questions:

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