



12th Joint Meeting of UNIFAC Consortium and DDBST



Timetable

Location: Sept. 15th (Monday) Ratskeller, Markt 1, Oldenburg
(<http://www.ratskeller-oldenburg.de/>)

Sept. 16th (Tuesday) TGO Technologie- und Gründerzentrum
Oldenburg GmbH, Seminar Room IV
Marie-Curie-Str. 1, Oldenburg

Sept. 17th (Wednesday) University of Oldenburg
Room W01 0-008
Carl-von-Ossietzky-Str. 9 - 11
26129 Oldenburg

Monday, September 15th

19.30 Informal Get-Together at Ratskeller, Markt 1, Oldenburg
(Phone: +49 (0) 441-9250001)

Tuesday, September 16th

09.00 **Reception**

09.30

- Welcome
- Introduction
- Time schedule
- Overview of the work of consortium and DDBST

 Prof. Dr. Jürgen Gmehling

10.00 DDB and DDB Software Package From 2013 to 2014 and Beyond Prof. h.c. Dr. Jürgen Rarey

11.00-11.15 The newest Status of COSMO-SAC Dr. Andre Schedemann

11.30 **Coffee Break / Photo Shooting**

11.50 PSRK predictions for polyhydric alcohols: Separation of glycol mixtures **Dr. Kai Fischer**
Shell Global Solutions International B.V.
Peter Keller
TU Bergakademie Freiberg

12.15 The use of non-ideal thermodynamics for multicomponent fuel spray evaporation

12.40 Combination of the LIFAC group contribution excess Gibbs energy model with the PSRK group contribution equation of state **Beeke Gildehaus**
University of Oldenburg/Shell Global Solutions International B.V.

13.00 **Lunch Break**

14.00 Current State of the Revision and Extension of UNIFAC, Mod. UNIFAC and PSRK Group Contribution Equation of State Dr. Dana Constantinescu

14.20 Consortium Session Dr. Dana Constantinescu

- Delivery 2014
- Customization files
- Future plans
- Discussion

 Prof. Dr. Jürgen Gmehling

14.30 **Coffee Break**

14.45 DDB-Session Prof. h.c. Dr. Jürgen Rarey
In Depth Presentation of New Developments Co-workers of DDBST

15:30 DDB-Connector for CHEMCAD **Dr. Jan Schöneberger**
Chemstations Europe GmbH

16.30 Laboratory Tour LTP

19.30 **Dinner**
Rashid's Restaurant
(<http://www.rashids.de/>)

Schützenweg 11 26129 Oldenburg
Phone: +49 (0) 441 73626

Wednesday, September 17th

09.00 **Reception**

09.30-13.00 Hands-On Workshop Co-workers of DDBST

- Dortmund Data Bank (DDB)
- DDB Software Package (DDBSP)

Small group or individual hands-on introduction to various features of DDB and DDBSP. Several topics are offered but this session is open to customer specific questions:

- Process Simulation Parameter Verification Using DDB/DDBSP
- Physical Property Estimation and Critical Evaluation of Method Reliability
- Pure Component and Mixture Data Regression
- Data and Parameter Import/Export
- DDBSP with AspenPlus and Pro II

09.30-18.00 Private appointment with co-workers of DDBST and LTP

14.00-16.00 Hands-On Workshop (continued) Co-workers of DDBST