



# 8<sup>th</sup> Joint Meeting of UNIFAC Consortium and DDBST User Meeting



## Timetable

<b>Location:</b>	Sept. 13 <sup>th</sup> (Monday)	Café & Bar Celona, Markt 4, Oldenburg ( <a href="http://www.cafe-bar-celona.de">www.cafe-bar-celona.de</a> )
	Sept. 14 <sup>th</sup> (Tuesday)	University of Oldenburg, Campus Wechloy Room W2-1-143
	Sept. 15 <sup>th</sup> (Wednesday)	University of Oldenburg, Campus Wechloy Room W1-0-008

### Monday, September 13<sup>th</sup>

19.30 Informal Get-Together at Café & Bar Celona, Markt 4, Oldenburg  
([www.cafe-bar-celona.de](http://www.cafe-bar-celona.de), Phone: +49 (0) 441 2489525)

### Tuesday, September 14<sup>th</sup>

09.00	Reception	
09.30	<ul style="list-style-type: none"> <li>Welcome</li> <li>Introduction</li> <li>Time schedule</li> <li>Overview of the work of the scientific group, consortium, DDBST and LTP</li> </ul>	Prof. Dr. Jürgen Gmehling
10.00	DDB and DDB Software Package From 2009 to 2010 and Beyond	Prof. h.c. Dr. Jürgen Rarey
10.30-10.45	Calculation of Electrolyte Solution Properties using a Model based on UNIQUAC and UNIFAC Model	André Mohs
10.50-11.05	The Status and Development of VTPR Group Contribution Equation of State	Andre Schedemann
11.10-11.25	Modeling of Carbon Dioxide Absorption	Ingo Schillgalies
11.30	<b>Coffee Break / Photo Shooting</b>	
12.00-12.15	Status of Aspen Implementation of VTPR	Dr. Michael Kleiber (Uhde GmbH)
12.20-12.40	High-Pressure Phase Equilibria: Experimental Methods and Systems investigated 2000-2008	Prof. Dr. Ralf Dohrn (Bayer AG)
<b>13.00</b>	<b>Lunch Break</b>	
14.00	Current State of the Revision and Extension of UNIFAC, Mod. UNIFAC and PSRK Group Contribution Equation of State	Dr. Dana Constantinescu

14.30	Consortium Session <ul style="list-style-type: none"> <li>Delivery 2010</li> <li>Customization files</li> <li>Future plans</li> <li>Discussion</li> </ul>	Dr. Dana Constantinescu Prof. Dr. Jürgen Gmehling
15.00	<b>Coffee Break</b>	
15.30	DDB-Session In Depth Presentation of New Developments	Prof. h. c. Dr. Jürgen Rarey Co-workers of DDBST
16.30	LTP-Session Company Presentation and New Developments	Dr. Christian Ihmels Co-workers of LTP
17.00	Laboratory Tour University/LTP	
19.30	<b>Dinner</b> Rodizio Restaurant (Rodizio Lazador Brazil <a href="http://www.rodizio-oldenburg.de/">http://www.rodizio-oldenburg.de/</a> Pferdemarkt 16, 26121 Oldenburg Phone: +49 (0) 441 8007433	

### Wednesday, September 15<sup>th</sup>

09.00	Reception	
09.30-13.00	Hands-On Workshop <ul style="list-style-type: none"> <li>Dortmund Data Bank (DDB)</li> <li>DDB Software Package (DDBSP)</li> </ul> <p>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:</p> <ul style="list-style-type: none"> <li>Process Simulation Parameter Verification Using DDB/DDBSP</li> <li>Physical Property Estimation and Critical Evaluation of Method Reliability</li> <li>Pure Component and Mixture Data Regression</li> <li>Data and Parameter Import/Export</li> </ul>	Co-workers of DDBST
09.30-18.00	Private appointment with co-workers of DDBST, LTP and University	
14.00-16.00	Hands-On Workshop (continued)	Co-workers of DDBST