

**DDBST**Dortmund Data Bank
Software & Separation
Technology

17th Joint Meeting of the UNIFAC Consortium and DDBST



Timetable

Location: Monday, Sept. 16th**Ratskeller,**
Markt 1, 26122 Oldenburg
Phone: +49 (0) 441-9250001
<http://www.ratskeller-oldenburg.de/>**Tuesday, Sept. 17th****TGO Technologie- und Gründerzentrum
Oldenburg GmbH, Seminar Room IV**
Marie-Curie-Str. 1, 26129 Oldenburg**Wednesday, Sept. 18th****DDBST**
Marie-Curie-Str. 10, 26129 Oldenburg

Monday, September 16th

19:30 Informal Get-Together at **Ratskeller**

Tuesday, September 17th

09:00 Reception09:30

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

Prof. Dr. Jürgen Gmehling

Current State of the Revision and Extension
of UNIFAC, Mod. UNIFAC (Do), PSRK and VTPR Group
Contribution Equation of State

Dr. Dana Constantinescu

Consortium Session

- Delivery 2019
- Customization files
- Future plans
- Discussion

Dr. Dana Constantinescu

Dr. Bastian Schmid

10:30 Coffee Break / Photo Shooting11:00 *1973 - Development of the Dortmund Data Bank, powerful
group-contribution methods and software tools.*Prof. Jürgen Gmehling
DDBST GmbH11:30 *UNIFAC - History, success & what other models learned*Dr. Daniel Eriksen
Shell Global Solutions
International BV

12:00	<i>An Idea for Extended Usage of Holderbaum-Gmehling Mixing Rule (PSRK) to Simultaneously Use Parameters of NRTL and the Original Quadratic Mixing Rule of SRK</i>	Dr. Seiya Hirohama AVEVA Group plc
12:30	Lunch Break	
13:30	<i>UNIFAC model for the development of pervaporation membrane processes.</i>	Prof. Jiding Li, Tsinghua University Beijing
14:00	<i>A reference database for benchmarking equations of state</i>	Prof. Jean-Noël Jaubert Université de Lorraine
14:30	<i>Challenges in the development of a database of thermophysical properties of nanofluids</i>	Maria E. Mondejar Montagud DTU Denmark
15:00	Coffee Break	
15:30	<i>Incorporating deep process knowledge within plant automation systems</i>	Dr. Ewa Bozek Siemens AG
16:00	<i>Deployment of UNIFAC Dortmund and VTPR within gPROMS Properties</i>	Dr. Thomas Lafitte Process Systems Enterprise Limited
16:30	<i>Quantum Molecular Simulations and their Applications for Chemical Engineering</i>	Dr. Christian Lasar Chemical Property Predictions
17:00	30 years of DDBST and 20 years of LTP celebration	
	DDBST Marie-Curie-Str. 10 26129 Oldenburg	

Wednesday, September 18th

09:00	Reception	
09:30	Hands-On Workshop <ul style="list-style-type: none"> Dortmund Data Bank (DDB) DDB Software Package (DDBSP) <p>Small group or individual hands-on introduction to various features of DDB and DDBSP. Several topics are offered. Soon available on our homepage.</p>	DDBST
12:30	Lunch Break	Finca & Bar Celona Ammerländer Heerstraße 252 26129 Oldenburg
14:00- 16:00	Hands-On Workshop (continued)	DDBST
09:30- 18:00	Private appointments	DDBST and LTP