

***From Small to Large
Molecular Systems:
Challenges of Their
Analysis***

*International Symposium
Schloss Rauschholzhausen*

***on the occasion
of the 65th birthday***

of

Prof. Dr. Bernd Brutschy

April 8th and 9th 2011

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19.00 Dinner

Friday, April 8th 2011

- 14.0 Welcome, Opening remarks
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- 14.3 Prof. Dr. J. P. Shermann (Paris)
0 *“Gas-phase to solution: a return ticket for biomolecular ions”*
- 15.1 Prof. Dr. K. Müller-Dethlefs
5 (Manchester) / Prof. Dr. Hobza (Prag)
„Non-covalent interactions in molecular clusters and biomolecules: challenges to experiment and theory”
- 16.0 Prof. Dr. F. Sobott (Antwerp)
0 *„Sizing up biomolecular assemblies”*

16.45 *Coffee break*

- 17.1 Prof. Dr. J. Waluk (Warsaw)
5 *„What´s new and exciting in intra- and intermolecular hydrogen bonds?”*
- 18.0 Prof. Dr. S. K. Kim (Seoul)
0 *„Single molecule bio-spectroscopy: deoxyribozyme folding, genetic assay and real-time observation of enzymatic reactions”*

Saturday, April 9th 2011

7.30 *Breakfast*

9. Prof. Dr. G. Gerber (Würzburg)
00 *„Quantum control of chemistry by tailored femtosecond laser pulses”*
9. Prof. Dr. E. Rühl (Berlin)
45 *„From clusters into the real world”*
10. PD Dr. Ch. Riehn (Kaiserslautern)
30 *„Ultrafast dynamics of metal-organic complexes: from structure to function”*

11.15 *Coffee break*

11. Prof. Dr. P. Tarakeshwar (Phoenix)
45 *„Hybrid molecule-metal oxide nano-particles: Interfacial charge transfer and its implications in sensors and solar cells”*

12.45 Lunch