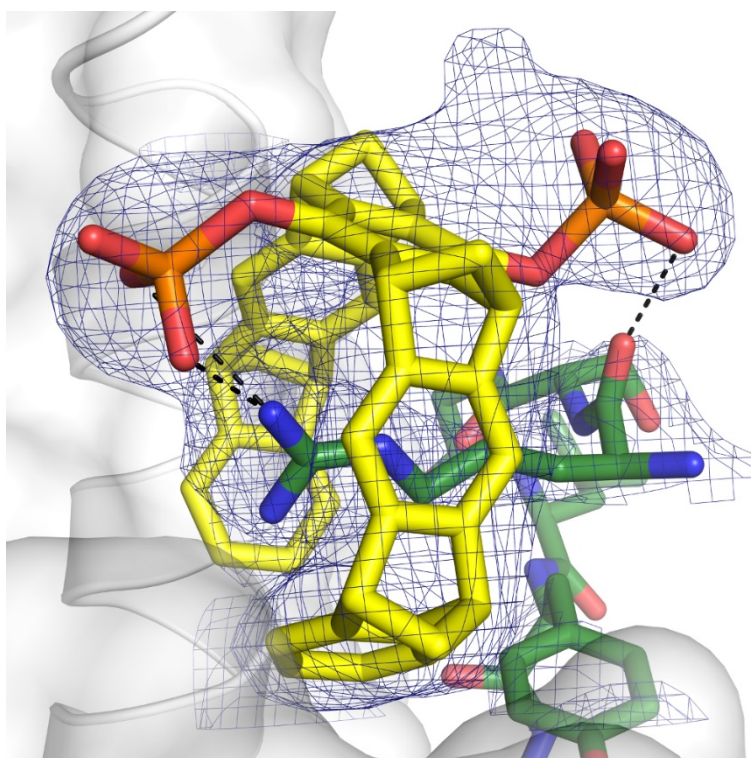


CRC 1093 International Symposium

Supramolecular Chemistry on Proteins

20 – 21 September 2017; University of Duisburg-Essen, Essen, Germany



Program

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Program of the CRC 1093 International Symposium 2017 – Day1

Version of September, 13th

Wednesday 20th of September 2017

11:00 Registration

12:00 **Welcome remarks** by Prof. Thomas Schrader, Spokesperson of the CRC1093

12:10 **Jean-Marie Lehn**, *Université de Strasbourg, France*
“Perspectives in Chemistry: From Supramolecular Chemistry towards Adaptive Chemistry”

Session A (Chair: Hemmo Meyer) *Supramolecular Chemistry in Cellular Systems*

13:15 **Laura Kiessling**, *University of Wisconsin–Madison, USA*
“Macromolecules for Selective Cell Targeting”

13:55 **Shirley Knauer**, *UDE, Germany*
“Supramolecular Ligands for Acute Perturbation of Survivin Functions”

14:25 **Christian Ottmann**, *UDE, Germany*
“Structural and Functional View of Supramolecular Chemistry on 14-3-3 Proteins”

15:00 **Poster session I – and coffee break**
Presentation of Posters with **even numbers** in the Foyer S05

Session B (Chair: Carsten Schmuck) *Modulation of and Molecular Recognition in Host-Guest Systems*

16:30 **Fraser Hof**, *University of Victoria, CAN*
“Pan-specific or Perfectly Promiscuous: Host-Guest Chemistry on Post-Translational Modifications”

17:10 **Birgit Strodel**, *Jülich Research Centre, Germany*
“Modeling the Self-Assembly of Proteins”

17:50 **Daniel Hoffmann**, *UDE, Germany*
“The Power of Randomness to Discover New Function”

18:20 **V. Haridas**, *Indian Institute of Technology, IND*
“Hybrid Peptides: Molecular Topology to Self-Assembly”

19:15 Bus Transfer Jagdhaus Schellenberg

19:45 Welcome

20:00 **Symposium Dinner**

22:45 Bus transfer back to the Hotel “Essener Hof” / Hauptbahnhof and Campus Essen.

Agenda of the CRC 1093 International Symposium 2017 – Day2

Thursday 21st of September 2017

Session C Supramolecular Assemblies –Part I (Chair: Christian Ottmann)

- 09:00 **Ned Seeman**, *New York University, USA*
“DNA: Not Merely the Secret of Life”
- 09:40 **Barbara Sacca**, *UDE, Germany*
“Hierarchical Assembly of DNA Filaments with Designer Elastic Properties ”
- 10:10 **Christof Niemeyer**, *Karlsruhe Institute of Technology, Germany*
“Self-Assembled DNA-Protein Structures for Investigation of Living Cells”

10:50 **Coffee Break**

Session C Supramolecular Assemblies –Part II (Chair: Sebastian Schlücker)

- 11:10 **Ad Bax**, *NIH, Bethesda, USA*
“Modulating Protein-Protein Interactions with Hydrostatic Pressure Allows a Detailed Look at Assembly”
- 11:50 **Peter Bayer**, *UDE, Germany*
“The Interaction of Supramolecular Tweezers and Proteins Monitored by NMR”
- 12:20 **Claus Seidel**, *Heinrich Heine University Düsseldorf, Germany*
“Quantitative FRET Studies and Integrative Modeling Unravel the Structure and Dynamics of Supramolecular Assemblies In Vitro and in Live Cells”

13:00 Symposium Photo, Lunch Break and **Poster session II**
Presentation of Posters with **odd numbers** in the Foyer S05

Session D Supramolecular Chemistry in Complex Biological Systems (Chair: Thomas Schrader)

- 14:30 **Thomas Carell**, *LMU München, Germany*
“DNA Bases beyond Watson and Crick”
- 15:10 **Stefan Westermann**, *CRC1093, Germany*
“Segregating the Genome - Design Principles of Kinetochores”

Young Research Awards (Chair: Shirley Knauer)

- 15:40 **1. Dr. Joydev Haitai**, *Weizmann Institute, Israel*
“Analyzing Amyloid Beta Aggregates with a Combinatorial Fluorescent Molecular Sensor”
- 15:50 **2. Dr. Johannes van den Boom**, *UDE, Germany*
“p97 extracts sterically trapped Ku70/80 rings from DNA during DNA double strand repair”

16:15 **Poster Prizes and Closing of the Symposium**

17:00 Bus Transfer to Villa Hügel
17:30 – 18:30 Cultural event: Visit to Villa Hügel

Symposium Dinner at Jagdhaus Schellenberg

Essen, 20th of September, 7:45 pm



Bus transfer is offered from the university campus to Jagdhaus Schellenberg (Heisinger Straße 170a; 45134 Essen – Stadtwald) for all participants. The bus waits at **7:15 pm** at the UDE campus **in front of the Glaspavillon (Building R12)**

Places are limited to participants of the Symposium who have registered for the Symposium Dinner (free of charge). You can ask at the registration desk if places are still available, if you haven't registered.

Cultural/Social Event

Essen, 21st of September, 5-7 pm



Guided tour at Villa Hügel

Bus transfer is offered from the university campus to Villa Hügel (Hügel 15, 45133 Essen) for all participants.

The Bus waits in **front of the Glaspavillon at 5 pm**.

Places are limited to participants of the Symposium who have registered for this event (free of charge).

The Villa Hügel is an impressive mansion located in Essen. It was erected between 1870 and 1873 by Alfred Krupp (1812-1887) and was intended as a residence and refuge for Krupp and his family. After the death of his father Friedrich Krupp (1778-1826) he took over responsibility for the firm and turned it into one of the most important industrial companies in the 19th century. The Villa Hügel provided the stately frame for representation, receptions and festivities. Emperors and kings, international businessmen, politicians and heads of state visited the Villa Hügel. Today the entire estate is owned by the Alfred Krupp von Bohlen und Halbach-Stiftung.