



## HEC 12 - PROGRAMME

### Thursday, September 24

|             |   |    |
|-------------|---|----|
| 9:00 16:00  | Exhibition installation   |    |
| 12:00 15:50 | Registration  |    |
| 15:30       | <i>Coffee break</i>   |    |
| <hr/>       |   |    |
| 15:50 18:00 | <b>Thursday evening session 1</b>   |    |
| 15:50 16:20 | L1  | h3 |
|             | Phillipp Dautel<br>(Halle-Wittenberg)   |    |
|             | Influence of RNA binding on the structure of Borna disease virus matrix protein   |    |
| 16:25 16:45 | L2  | h3 |
|             | Tereza Skálová<br>(Prague IMC)  |    |
|             | Two-domain laccase from <i>Streptomyces coelicolor</i> : a link between laccases and nitrite reductase                          |    |
| 16:50 17:10 | L3  | h4 |
|             | Tatiana Prudnikova<br>(České Budějovice)  |    |
|             | Crystallisation and structural structure analysis of a novel haloalkane dehalogenase DbeA from <i>Bradyrhizobium elkanii</i> US |    |
| 17:15 17:35 | L4  | h5 |
|             | Eike Schulz<br>(Göttingen)  |    |
|             | Crystal Structure of a Novel Intramolecular Chaperone Mediating Triple- $\alpha$ -Helix Folding                                 |    |
| 17:40 17:55 | L5  | h6 |
|             | Marianna Biadene<br>(Bruker)  |    |
|             | Ready, set, screen: X8 PROSPECTOR   |    |
| <hr/>       |   |    |
| 18:00 19:00 | Dinner  |    |
| <hr/>       |   |    |
| 19:00 20:50 | <b>Thursday evening session 2</b>   |    |
| 19:00 19:20 | L6  | h7 |
|             | Harald Striegl<br>(Berlin)  |    |
|             | Unusual armadillo fold in the human general vesicular transport factor p115   |    |
| 19:25 19:45 | L7  | h8 |
|             | Madhumati Sevvana<br>(Erlangen-Nürnberg)  |    |

Structures of human and mouse apoM – serendipitous fatty acid in the binding pocket and refolding gone wrong!

|             |                             |    |
|-------------|-----------------------------|----|
| 18:50 20:50 | L8                          | h8 |
|             | Paul Emsley<br>(Oxford, UK) |    |
|             | Coot                        |    |

21:00 22:00 HEC committee Meeting

21:00 Welcome party

### Friday, September 25

8:00 9:00 Breakfast

9:00 10:40 **Friday morning session 3**

9:00 9:20 L9 h9

Daniela Dalm  
(Greifswald)  
Structural background of non-antibiotic affinity of minocycline to secretory phospholipase A2

9:25 9:45 L10 h9

Linda Schuldt  
(Hamburg)  
Stabilizing proteins for crystallization – how Thermofluor can help

9:50 10:10 L11 h10

Wojtek Bialek  
(Poznań)  
Atomic-resolution structure of reduced and oxidized cytochrome c6

10:15 10:35 L12 h11

Sven Dahms  
(Leibniz)  
Subdomains of the Amyloid Precursor Protein (APP) fall into Place: X-ray Structure of its N-terminal Heparin Binding Domain E1

10:40 *Coffee break*

11:00 12:10 **Friday morning session 4**

11:00 11:20 L13 h12

Thomas Monecke  
(Göttingen)  
Structural basis for CRM1 nuclear export complex assembly



11:25 11:45  
L14 h13  
Pavel Mader  
(Prague IMG)  
Structural studies of human carbonic anhydrase isoenzymes

11:50 12:10  
L15 h13  
Monika Sokolowska  
(Warsaw)  
The  $\beta\beta$ -Me type II restriction endonuclease Hpy99I with target DNA

12:15 12:30  
Stefan Kolek  
(Douglas Instruments)

12:30 13:30 Lunch

13:30 17:30 Free afternoon/Trip

17:30 *Coffee break*

**18:00 20:010 Friday evening session 5**

18:00 18:15  
L16 h14  
Mathias Grün  
(Jena Bioscience)  
Turning the bad into good: A rational approach to crystal quality improvement

18:20 18:40  
L17 h15  
Karen Yates  
(Lepizig)  
Refolding of Ecto-Nucleotidases

18:45 19:05  
L18 h16  
Elena Stsiapanava  
(České Budějovice)  
Structural changes of pathways in mutated DhaA proteins from *Rhodococcus rhodochrous*

19:10 19:30  
L19 h17  
David Schwefel  
(Berlin, MDC)  
Structural insights into the GIMAP family

19:35 19:55  
L20 h17  
Anja Lehweß-Litzmann  
(Göttingen)  
X-ray crystallographic snapshots of intermediates in transaldolase

20:00 Get-together

**Saturday, September 26**

8:00 9:00 Breakfast

**9:00 10:40 Saturday morning session 6**

9:00 9:20  
L21 h18

Dennis Nuernberg  
(Berlin, Charité)  
Structural studies of cyanophycin synthetase from *Anabaena variabilis*

9:25 9:45  
L22 h18

Gesa Volkers  
(Greifswald)  
Crystal structure of TetX monooxygenase revealed by phasing with 3-WL MAD

9:50 10:10  
L23 h19

Sandra Pühringer  
(Bessy)  
Structural studies of the cofactorless oxidase PqqC

10:15 10:35  
L24 h19

Hubert Mayerhofer  
(Hamburg)  
Crystal structure of a metagenomic derived Lactonase involved in biofilm inhibition in *Pseudomonas aeruginosa*

10:40 *Coffee break*

**11:00 12:10 Saturday morning session 7**

11:00 11:20  
L25 h20

Anita Salmazo  
(Vienna)  
Crystallization and preliminary diffraction data analysis of -actinin 2

11:25 11:45  
L26 h21

Jörn Krauß  
(Braunschweig)  
Investigation of human growth factor HGF/SF

11:50 12:10  
HEC prize winner announcement and closing remarks

12:15 13:15 Lunch

<http://www.img.cas.cz/hec>