

## 8<sup>th</sup> JOINT BERLIN MX-DAY

Wednesday, September 6<sup>th</sup>, 2017

9:00 – 18:00

Freie Universität Berlin, Takustr. 6

Lecture Hall, Ground Floor

### 09:00 - 10:05

(Chair: Markus Wahl, FU)

#### 09:00 – 09:15

**Markus Wahl (FU) & Manfred Weiss (HZB-BESSY)**

Welcome

#### 09:15 – 09:40

**Lennart Wirthmüller (FU)**

A structural biology approach to understand protein ADP-ribosylation in plants

#### 09:40 – 10:05

**Simon Holton (Bayer)**

Discovery and Characterization of a SMYD2 Chemical Probe

### 10:05 - 10:35

**coffee break**

### 10:35 - 12:15

(Chair: Holger Dobbek, HU)

#### 10:35 – 11:00

**Anja Schütz (MDC)**

Crystal structure of the tricellulin C-terminal coiled-coil domain reveals a unique mode of dimerization

#### 11:00 – 11:25

**Manjeera Gowravaram (FU)**

Insights into the assembly of a functional mRNP in Staufen-mediated mRNA decay

#### 11:25 – 11:50

**Francesca de Bortoli (FU)**

Structural and Functional Characterization of the Spliceosomal Protein PRPF39

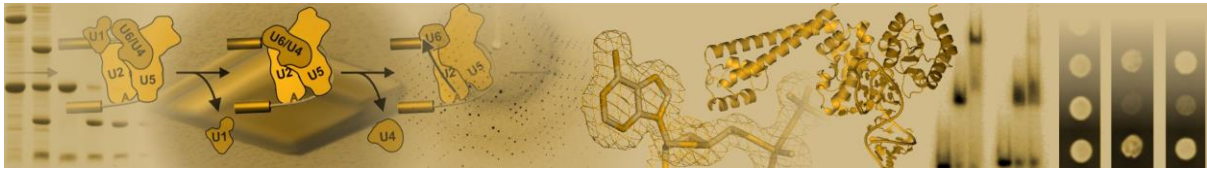
#### 11:50 – 12:15

**Qianqian Ming Qianqian (MDC)**

Structural Basis of Gene Regulation by the Grainyhead/CP2 Transcription Factor Family

### 12:15 - 13:30

**lunch break**



**13:30 - 15:35**

(Chair: Manfred Weiss, HZB-BESSY)

**13:30 – 13:55 Jae-HU Jeoung (HU)**

Life in the low redox regime: energizing a double [4Fe4S] cluster with ATP

**13:55 – 14:20 Lilith Domnik (HU)**

O<sub>2</sub> - the ultimate enemy of CO Dehydrogenases

**14:20 – 14:45 Andrea Schmidt (Charite)**

Investigations on the photocycle of bacterial phytochromes using free-electron laser and synchrotron radiation

**14:45 - 15:10 Miao Zhang (HU)**

Structural insights into the light-driven auto-assembly process of the water-oxidizing Mn<sub>4</sub>CaO<sub>5</sub>- cluster in photosystem II

**15:10 - 15:35 Bernhard Loll (FU)**

Enigmatic resistance mechanism of AlbA from *Klebsiella oxytoca*

**15:35 - 16:05 coffee break**

**16:05 - 17:20**

(Chair: Udo Heinmann, MDC)

**16:05 – 16:30 Piotr Malecki (HZB-BESSY)**

Crystallographic investigation of prostate cancer protein - KDM4

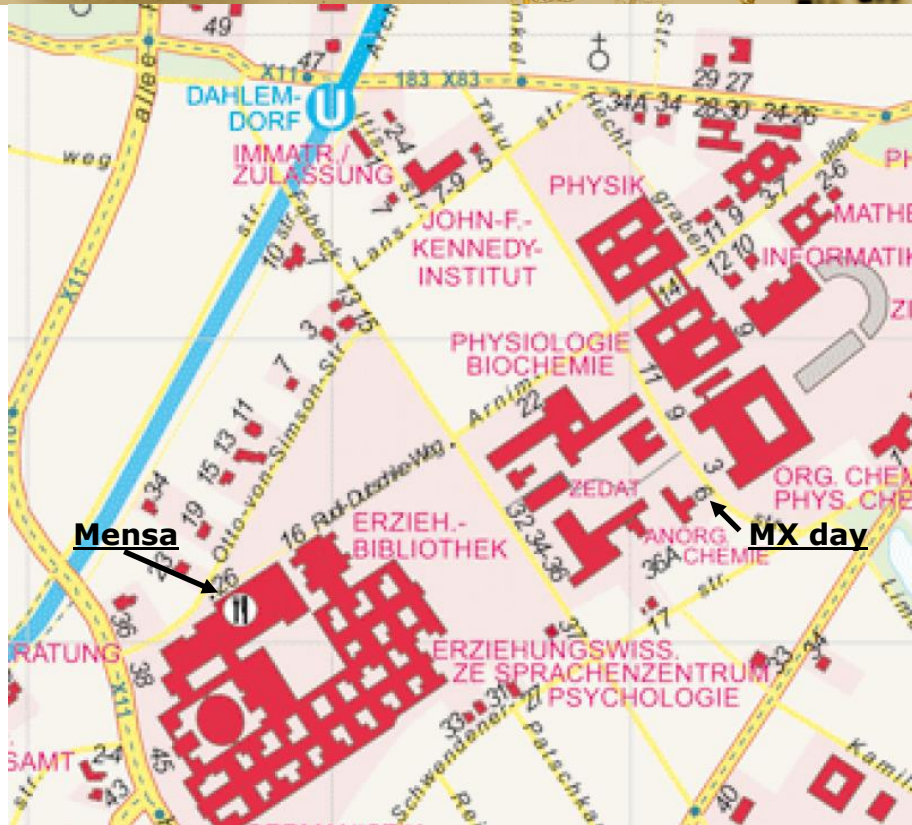
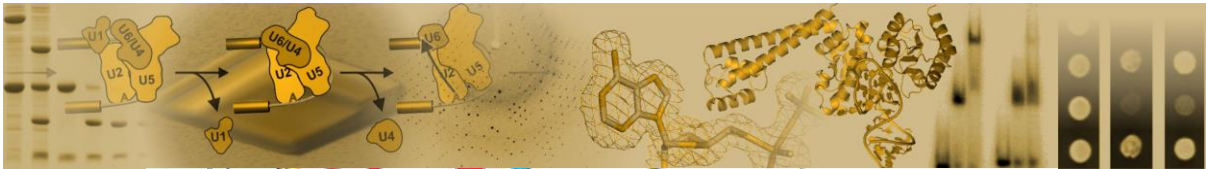
**16:30 - 16:55 Arthur Alves de Melo (MDC)**

Structural insights into the activation mechanism of dynamin-like EHD ATPases

**16:55 – 17:20 Martin Gerlach (HZB-BESSY)**

What is new at the HZB-MX Beamlines?

**17:30 - barbecue**



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