

**Retreat 2011**  
**23.02.2011 – 24.02.2011**  
**Kloster Drübeck**

**Schedule**

**23.02.2011**

**10:20** Departure by bus (Justus-von-Liebig Weg, X-Lab)

**10:30** Departure by bus, (Faßberg, MPI-BPC)

**13:00** Lunch in Kloster Drübeck

**Session 1**

<b>13:55</b>	Welcome	Ralf Ficner
<b>14:00</b>	A01 (Lührmann) Protein dynamics of the yeast spliceosome during its activation and catalysis of splicing The evolutionarily conserved protein Cwc2/RBM22 assists in stabilization of the spliceosomal RNA network before and during catalysis	Thomas Ohrt  Nicolas Rasche
<b>14:30</b>	A02 (Ficner) Crystallographic studies on molecular motors of the spliceosome	Henning Christian Andreas Schmitt
<b>15:00</b>	A04 (Schaap) A vertical operated optical trap for bio-mechanical measurements	Iwan Schaap
<b>15:30</b>	Associated group Grubmüller Ribosomal translocation as seen from a combination of cryo-EM and molecular dynamics simulations	Lars Bock

**16:00** Coffee Break

**Session 2**

<b>16:30</b>	B07 (Tittmann) Molecular mechanism, structural organization and dynamics of the pyruvate dehydrogenase multienzyme complex	Danilo Meyer
<b>17:00</b>	A05 (Stark) Silencing of conformational flexibility of Pyruvate Dehydrogenase Complex for structural analysis	David Haselbach
<b>17:30</b>	A06 (Enderlein) Fluorescence correlation spectroscopy: Binding constants and reactions in the spliceosome and ribosome	Mira Prior
<b>18:00</b>	A07 (Stülke) RNA helicases in the RNA degradosome of <i>Bacillus subtilis</i> .	Martin Lehnik-Habrink
<b>18:30</b>	B01 (Rehling) Identification of presequence binding sites in mitochondria Protein interactions in the mitochondrial presequence translocase	Christian Schulz Oleksandr Lytovchenko

**Schedule****23.02.2011****19:00 Dinner****Session 3**

<b>20:00</b>	A03 (Rodnina) Energetics of tRNA translocation on the ribosome	Andrey Konevega
20:30	A11 (Krebber) The role of the DEAD-box helicase Dbp5p and the Fe/S-protein Rli1p in translation termination	Heike Krebber

**21:00 PI Meeting**

Schedule**24.02.2011****Session 4**

<b>8:30</b>	B05 (Griesinger/Wienands) Signalosome assembly in activated B-lymphocytes	Jürgen Wienands Vanessa Bremes
9:00	A09 (Großhans) Structural and functional dynamics of slam RNA-protein particles in Drosophila embryos	Shuling Yan
9:30	A10 (Urlaub) Structural elucidation of protein(-ligand) complexes by oxidative footprinting and mass spectrometry	Romina Hofele
10:00	B02 (Zweckstetter) Interaction studies of IMS (Inter Mitochondrial Space) domain of Tim23p. Structural consequence of RS domain phosphorylation	Rakhi Bajaj Shengqi Xiang

**10:30 Coffee Break****Session 5**

<b>11:00</b>	B03 (Görllich/Ficner) Structural aspects of CRM1 cooperativity, a hybrid methods approach	Achim Dickmanns
11:30	Associated group Kehlenbach Nucleoporins in CRM1-mediated nuclear export	Ralf Kehlenbach
12:00	B04 (Kühnel/Thumm) Crystal structure of a WD40 repeat containing autophagy protein from yeast	Karin Kühnel
12:30	B06 (Braus) The fungal COP9 signalosome	Gerhard Braus

**13:00 Lunch****14:00 Departure by bus****16:00 Arrival in Göttingen**