If you would like to join the meeting, please contact Christian Wilhelm by email - Cwilhelm@rz.uni-leipzig.de .

Meeting of DFG Research Group 1261, March 25-28 2015

"Specific light driven reactions in unicellular model algae"

Date	Name	Title
We, March 25 ***Meeting registration starts at 15.00***		
16.40-16.50 16.50-17.00	Maria Mittag, Jena Christian Wilhelm, Leipzig	Welcome/Announcements
17.00-17.35	Brian Crane, Ithaca	Common themes in redox and photo sensing by flavoproteins
17.35-18.10	Tilman Kottke, Bielefeld	Spectroscopy reveals the diversity of Cryptochromes from *Chlamydomonas reinhardtii*
19.00 Dinner		
Do, March 26		
08.30-09.05	Margaret Ahmad, Paris	Blue-light dependent conversion of molecular oxygen to ROS may define a novel evolutionarily conserved signaling mechanism for Cryptochromes
09.05-09.40	Stefan Weber, Freiburg	Magnetic resonance studies on paramagnetic intermediates in blue-light active flavoproteins
09.40-10.15	Claudia Büchel, Frankfurt	CryP, an unusual Cryptochrome in diatoms
10.15-10.45 Coffee break		

10.45-11.20	Maria Mittag, Jena	The involvement of Cryptochromes in the light- and circadian signaling pathways in *Chlamydomonas*
11.20-11.55	Achim Kramer, Berlin	Molecular mechanisms of circadian clocks in mammals
12.00-13.15 Lunch		
13.15-13.50	Georg Kreimer, Erlangen	Towards an understanding of the physiological role of ChR1 phosphorylation in *Chlamydomonas*
13.50-14.25	Lars-Oliver Essen, Marburg	Structures and functions of algal photoreceptors for blue and red light
14.25-15.00	Lieven de Veylder, Gent	Light-dependent control of cell cycle onset in the diatom *Phaeodactylum tricornutum*
15.00 Social event, Dinner ***Excursion to the Zoological Garden: Tour through Gondwanaland (taking photos is allowed)***		
Fr, March 27		
08.30-09.05	Christian Wilhelm, Leipzig	Deciphering Aureochrome functions in diatoms: Part 1 - physiological approaches
09.05-09.40	Peter Kroth, Konstanz	Deciphering Aureochrome functions in diatoms: Part 2 - molecular approaches
09.40-10.15	Debashish Bhattacharya, New Brunswick	Plastid endosymbiosis and the evolution of light and oxygen sensing in alga
10.15-10.45 Coffee break		
10.45-11.20	Peter Hegemann, Berlin	Enzyme-Rhodopsins as microbial photoreceptors
11.20-11.55	Raymond Goldstein, Cambridge	*Volvox* as a model organism for biological fluid dynamics

12.00-13.15 Lunch		
13.15- 15.15	**Poster session**	
15.15-15.45 Coffee break		
15.45-16.20	Eva Novack, Düsseldorf	*Paulinella chromatophora* – Mechanisms for establishing a photosynthetic organelle
16.20-16.55	Dio Durnford, New Brunswick	Antenna restructuring following secondary plastid origin in *Bigelowiella natans*
16.55-17.30	Andreas Weber, Düsseldorf	How do thermo-acidophilic red algae respond to low temperature
18.30 Dinner		
Sa, March 28 Departure		

The meeting will be organized in Schloss Machern, which is about 20 km in the East of Leipzig. From the airport there is a direct S-Train to Leipzig Main Train Station. Machern can be reached simply by public Transport from Leipzig Main Station using the S-Train number S11 in the direction to "Wurzen". Please leave the train in "Machern". From there you find the way indicated "Schloß". It takes about 30 min from Main Station to Machern. The walk from Machern Station to the Castle is about 550 m in 7 mins (Google map distance). The S-train circulates every 30 mins until night (11.pm).

Further information on the location can be found in the web at:
http://www.schlossmachern.de/en/

The Castle is surrounded by a large garden inviting for a walk. Machern itself is a small village where you also can find bars and restaurants. However, all participants will be accommodated in the Castle having full board therein.