

Winter school in plant genetics, genomics, and bioinformatics

(7th-17th March 2016 - University of Potsdam)

Date	9:00-10:30	10:45-12:15	14:00-18:00
Monday (March 7 th 2016)	Classical genetics and gene mapping Prof. Dr. Michael <u>Lenhard</u> (UP)	Transcriptomics Dr. Dirk <u>Hincha</u> (MPIMP)	Workshop on Metabolomics (Dr. <u>Toshihoro Obata</u> (MPIMP))
Tuesday (March 8 th 2016)	Proteomics Dr. Alexander Graf (MPIMP)	Metabolomics Dr. Saleh <u>Alseekh</u> (MPIMP)	
Wednesday (March 9 th 2016)	Epigenetics Prof. Dr. Isabel <u>Bäurle</u> (UP)	Molecular genetics of plant development Dr. Kerstin Kaufmann (UP)	
Thursday (March 10 th 2016)	Genomic technologies (1) (DNA-DNA, DNA-Protein and Protein-Protein interactions) Dr. <u>Cezary Smaczniak</u> (UP)	Genomic technologies (2) (Site directed mutagenesis) Dr. <u>Wenhao Yan</u> (UP)	
Friday (March 11 th 2016)	Plant senescence and gene regulatory networks Prof. Dr. Bernd <u>Mueller-Roeber</u> (UP)	Abiotic and oxidative stresses in plants Prof. Dr. <u>Tsanko Gechev</u> (UP)	
Monday (March 14 th 2016)	Application of RILs and NILs For primary metabolism analysis Dr. <u>Alisdair Fernie</u> (MPIMP)	Gene function prediction Dr. <u>Marek Mutwil</u> (MPIMP)	Workshop on Transcriptomics (Dr. Amin <u>Omidbakhshfar</u> (UP))
Tuesday (March 15 th 2016)	Sequencing and re-sequencing Dr. Stefanie Hartmann (UP)	NGS data analysis Dr. Dirk Walther (MPIMP)	
Wednesday (March 16 th 2016)	Digital image processing for plant phenotyping Dr. Christian <u>Kappel</u> (UP)	Introduction to "R" and "Bioconductor" (1) Dr. <u>Nooshin Omranian</u> (MPIMP)	
Thursday (March 17 th 2016)	Introduction to "R" and "Bioconductor" (2) Dr. <u>Nooshin Omranian</u> (MPIMP)	Modeling and gene regulatory network Dr. <u>Zoran Nikoloski</u> (MPIMP)	