



BOTANIKER TAGUNG 2013

PROGRAM BOOKLET

BOTANIKERTAGUNG 2013 - PROGRAM BOOKLET

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BOTANIKERTAGUNG 2013 PROGRAM BOOKLET

29. SEPTEMBER - 04. OCTOBER - TÜBINGEN - GERMANY

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WELCOME FROM THE CONGRESS ORGANIZERS

Welcome delegates, colleagues and friends,

On behalf of the Organizing Committee of the Center for Plant Molecular Biology (ZMBP) at the University of Tübingen and of the MPI for Developmental Biology Tübingen I would like to welcome you to the Botanikertagung 2013 held in Tübingen from September 29th to October 04th 2013. To my knowledge it is the first Botanikertagung in Tübingen.

We are grateful and honored that almost 400 students and researchers from Germany and many other countries have followed our invitation and contribute actively to the conference. We are pleased to receive the acceptance from 54 invited national and international speakers for 9 plenary talks and 45 sessions.

Recent advances in plant biology have been nothing less than impressive. Today, we plant biologists are deeply engaged in the pursuit of new discoveries in the nature of plant life. We not only get immense pleasure from basic scientific research, but also recognize the great implications of its application in biotechnology. Hence, the scientific program of the Botanikertagung 2013 covers almost all aspects of plant sciences with emphasis on developmental and cell biology, abiotic and biotic interactions, primary and secondary metabolism, evolution and ecology, novel technologies, green biotechnology, and mycology and phycology. With your presentation you represent highlights and the diversity of these research fields.

We hope that the conference will give everyone the chance for stimulating and informal discussions and wish you a productive and enjoyable meeting.

We thank all who contribute in the organization of the conference. Major generous financial support comes from the German Research Foundation (DFG) that enabled us to invite many distinguished speakers. Furthermore, all donations and contributions from companies and organizations are greatly appreciated.

For the Organizing Committee

Klaus Harter

WELCOME FROM THE PRESIDENT OF THE GERMAN BOTANICAL SOCIETY

The international "Botanikertagung" represents an important biannual forum to present and discuss recent progress in botanical research ranging from molecular biology and genetics to physiology, biodiversity, ecology and biotechnology. The organizing team has assembled a splendid program which promises outstanding contributions from established scientists and young researchers. The support of young scientists is a prime mission of the German Botanical Society (DBG). Our thanks go to all the colleagues and helpers from the University of Tübingen who invested enormous efforts in organizing and realizing this meeting.

On behalf of the German Botanical Society I give a warm welcome to you as participant of our meeting 2013 in Tübingen.

We wish you one week of exciting presentations, vivid poster discussions, exchange of groundbreaking, controversial and interdisciplinary thoughts, networking for future cooperation and last but not least a pleasant time in Tübingen.

Kind regards

Karl-Josef Dietz

GENERAL INFORMATION

LOCAL ORGANIZING TEAM

SCIENTIFIC ORGANIZERS

Klaus Harter

Rita Groß-Hardt

Andrea Gust

Andreas Hiltbrunner

Sascha Laubinger

Thorsten Nürnberger

Claudia Oecking

Mark Stahl

York Stierhof

Andreas Wachter

Detlef Weigel

Stefan Wenkel

LOGISTICS

Nicole Doppstadt

Luise Brand

Dieter Steinmetz

Ulrike Zentgraf

ADDRESS OF THE LOCAL ORGANIZING TEAM

Nicole Doppstadt

Universität Tübingen

ZMBP - Plant Physiology

Auf der Morgenstelle 32

D-72076 Tübingen

e-mail: botanikertagung@zmbp.uni-tuebingen.de

Tel.: 0049 (0)7071 29 73225

Fax: 0049 (0)7071 29 3287

DATE AND VENUE

Date: 29th September - 4th October, 2013

Venue: Kupferbau, Hölderlinstr. 5, 72074 Tübingen

OFFICIAL LANGUAGE

English is the official language of the Botanikertagung 2013.

PARTICIPATION

Attendees of the Botanikertagung are kindly asked to wear their name badge in the Kupferbau, the Poster venue and when visiting the cafeteria (Mensa) during the conference.

REGISTRATION

The registration desk is located in the lobby of the Kupferbau and will open

Sunday 29th September - 16:00 until 20:00

Monday 30th September - Thursday 3rd October - 08:00 - 12:00

Students are kindly asked to bring their student ID card or a letter of confirmation to the registration desk.

INTERNET SERVICE

Free WiFi access is available throughout the Kupferbau (network name "Guest"). For connection details see information boards in the Kupferbau. Attention: Connections to the wireless network are not encrypted and can be eavesdropped. To ensure confidentiality and encryption, please use appropriate protocols (https, ssh, VPN).

CONGRESS OFFICE

The congress office is located in the lobby of the Kupferbau next to the registration desk.

ORAL PRESENTERS

All speakers are kindly requested to have their presentations available **one day before the start of the session**. Please bring your presentation files to the congress office (next to the registration desk). There will be a central presentation terminal with computers for uploading and checking of your files. Preferably bring your presentation on a USB stick. If your presentation runs properly it can be sent directly to the presentation computers in the lecture hall, which are equipped with the same operating system (Windows 7) and presentation programs (MS Office 2013 and Adobe Acrobat). Connecting your own computer at the lecture hall desk is technically possible (please bring personal adapters if necessary) but we strongly encourage you to use the central presentation terminal.

POSTER SESSIONS

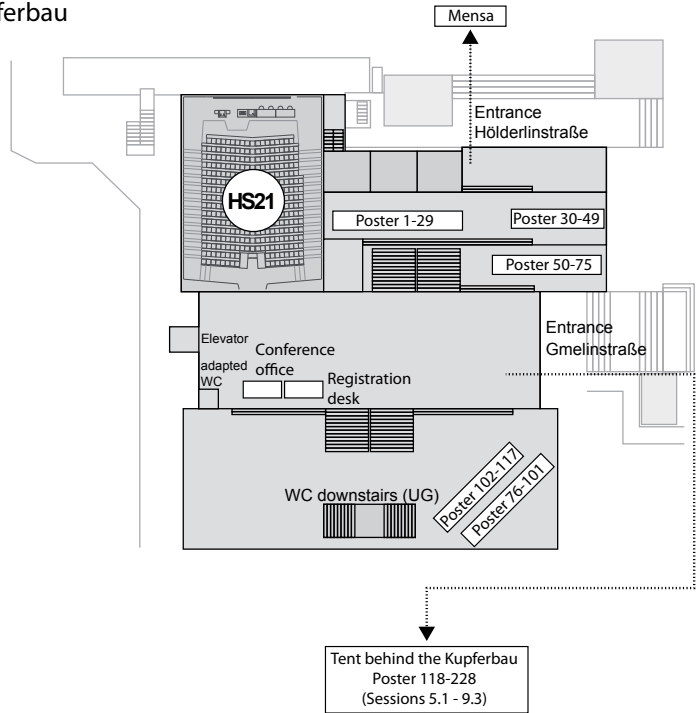
Please bring your posters size DIN A0 (841 x 1189 mm) max. Posters will be displayed on the ground floor of the Kupferbau (poster no. 1-117 of sessions 1.1-4.5) and in the poster tent behind the Kupferbau (no. 117-228 of sessions 5.1-9.3). Your poster should be set up to your earliest convenience but latest on Monday morning (30th September) and should be taken off by Thursday evening (3rd October). The poster numbers and their respective location will be displayed at the registration desk, too.

SITE MAPS

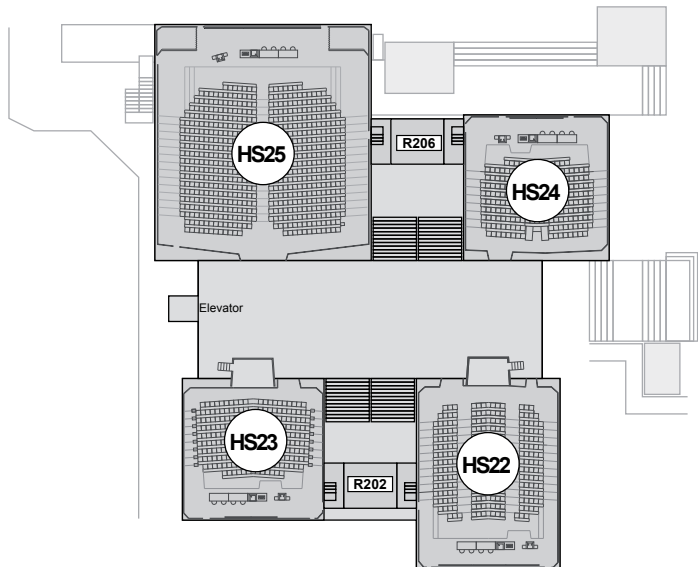
Map Kupferbau, Mensa, Casino am Neckar



Ground floor Kupferbau



First floor Kupferbau



LUNCH

Lunch will be served in the cafeteria (Mensa 1st floor) of the Mensa, Wilhelmstraße 13 and is included in the registration fee. Please show your conference badge at the checkout counter. The Mensa serves a broad selection of food and drinks, including vegetarian dishes. The menu of the Mensa Wilhelmstraße is available online at:

<http://www.my-stuwe.de/cms/80/1/1/art/WasgibtesheuteinderMensaSpeiseplaene.html> (German)

<http://www.my-stuwe.de/cms/80/1/3/art/WasgibtesheuteinderMensaSpeiseplaeneengl.html> (English)

CONFERENCE DINNER

The conference dinner will be served in the Casino am Neckar at 19:00, Wednesday 2nd October. The Casino is 15 minutes walking distance from the Kupferbau (1.2 km). Please do not forget to bring your voucher for the conference dinner and please wear your conference badge.

EXCURSIONS

Excursions will take place on Friday, 4th October. For detailed information please visit <http://www.botanikertagung2013.de/index.php/program/sightseeing> or the registration desk.

Guided tour of Tuebingen and punting trip on the Neckar (11:00-14:00)

Guided tour of the Botanical Garden (11:00-12:00 or 15:15-16:15)

Bebenhausen Monastery, guided tour (15:45-16:45)

There are still some places available. Please remember to register by sending an email to botanikertagung@zmbp.uni-tuebingen.de by Thursday, September 26th or you can also register on site on Sunday between 16:00 and 20:00 or on Monday between 08:00 and 12:00.

GUIDED TOUR OF TUEBINGEN AND PUNTING TRIP ON THE NECKAR

Meeting point: in front of tourist information, An der Neckarbrücke 1

GUIDED TOUR OF THE BOTANICAL GARDEN

Meeting point: 10 minutes before tour at main entrance to the Botanical Garden, next to the building Auf der Morgenstelle 5

Buses to the Botanical Garden from downtown: lines 5, 13 and 17

BEBENHAUSEN MONASTERY, GUIDED TOUR

Meeting point: 3 pm main entrance "Neue Aula" or 15:30 main entrance monastery

Buses to Bebenhausen: lines 754, 826 and 828

PUBLIC TRANSPORTATION

For information about the NALDO public transportation system please visit (German only):

http://efa.naldo.de/naldo/index_de.htm (online timetable information service)

http://www.naldo.de/uploads/media/2012_Tuebingen-inkl-Legende.pdf

(bus network Tübingen)

CONFERENCE PROGRAM

SUNDAY, September 29th 2013

16:00-20:00 REGISTRATION

MONDAY, September 30th 2013

08:00-12:00 REGISTRATION

09:15-10:00 **WELCOME ADDRESS** HS25

10:00-10:45 **PLENARY TALK I** HS25

Paul Schulze-Lefert

Structure, function(s), and evolution of the bacterial root microbiota

Chair: Thorsten Nürnberger

11:45-11:15 Coffee Break

11:15-12:30 **AWARDS** HS25

Strasburger award, Pfeffer award and Wiehe award

12:30-14:00 Lunch Break Mensa Wilhelmstraße

14:00-15:30	SYMPOSIA 1	
	Session 1.1 - Light Perception and Signalling	HS22
	Chair: Ute Hoecker	
	Session 5.1 - Adaption	HS23
	Chair: Joy Bergelson	
	Session 7.4 - Quantitative Biology using Mathematical Modeling	HS24
	Chair: Christian Fleck	
	Session 8.1 - Photosynthesis: Light Reactions	HS25
	Chair: Jörg Nickelsen	
	Session 9.1 - Molecular Cell Biology in Algae	HS21
	Chair: Claudia Büchel	
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14:00-14:30	Session 1.1 - TALK 1 - Ute Hoecker	
	<i>Protein ubiquitination in light-controlled anthocyanin biosynthesis and photomorphogenesis</i>	
14:20-14:50	Session 1.1 - TALK 2 - Benedikt Beel	
	<i>Characterization of an animal-like cryptochrome in <i>Chlamydomonas reinhardtii</i></i>	
14:50-15:10	Session 1.1 - TALK 3 - Lennart Wirthmueller	
	<i>Downy mildew effector protein HaRxL106 associates with <i>Arabidopsis</i> RADICAL INDUCED CELL DEATH1 and suppresses defence and light signalling</i>	
15:10-15:30	Session 1.1 - TALK 4 - Andrea Schrader	
	<i>MIDGET unravels an archaeal fingerprint in endoreduplication and light signalling of <i>Arabidopsis thaliana</i></i>	
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14:00-14:30	Session 5.1 - TALK 1 - Joy Bergelson	
	<i>GWA reveals complex adaptive history for glucosinolate profiles in <i>A. thaliana</i></i>	
14:20-14:50	Session 5.1 - TALK 2 - Eunyoung Chae	
	<i>Non-random distribution of autoimmunity loci in <i>Arabidopsis thaliana</i></i>	
14:50-15:10	Session 5.1 - TALK 3 - Elisabeth Kaltenegger	
	<i>Evolution of homospermidine synthase in the <i>Convolvulaceae</i> - a story of gene duplication, gene loss, and periods of various selection pressures</i>	
15:10-15:30	Session 5.1 - TALK 4 - Andrea Bräutigam	
	<i>Connecting ecology, evolution and molecular biology in species without sequenced genomes with RNA-seq</i>	
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14:00-14:30	Session 7.4 - TALK 1 - Christian Fleck <i>Dimerization determines specificity of Phytochrome B action</i>
14:20-14:50	Session 7.4 - TALK 2 - Thomas Nägele <i>Strategies of mathematical modeling successfully link results from experimental high-throughput analysis of plant primary metabolism to complex biochemical regulation</i>
14:50-15:10	Session 7.4 - TALK 3 - Wilma van Esse <i>Modelling SERK mediated BR signalling</i>
15:10-15:30	Session 7.4 - TALK 4 - Nina M. Fischer <i>Modeling interactions between WRKY transcription factors and DNA</i>
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14:00-14:30	Session 8.1 - TALK 1 - Jörg Nickelsen <i>Assembly of photosystem II</i>
14:20-14:50	Session 8.1 - TALK 2 - Guy Hanke <i>The impact of ferredoxin:NADP(H) reductase on electron partitioning</i>
14:50-15:10	Session 8.1 - TALK 3 - Viviana Andrea Correa Galvis <i>Photo-protective mechanisms under light stress conditions: Psbs Protein Interactions During Non-Photochemical Quenching</i>
15:10-15:30	Session 8.1 - TALK 4 - Tatjana Levey <i>The hcf107 mutation of Arabidopsis thaliana can be complemented by a compartment-alien transformation with the plastome-encoded psbH gene</i>
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14:00-14:30	Session 9.1 - TALK 1 - Claudia Büchel <i>Different light harvesting systems in diatoms and their involvement in non-photochemical quenching</i>
14:20-14:50	Session 9.1 - TALK 2 - Anja Günther <i>Turning the tables: Increasing the photorespiratory capacity in C. reinhardtii for biogas production</i>
14:50-15:10	Session 9.1 - TALK 3 - Bernard Lepetit <i>Studying xanthophyll cycle pigments and Lhcx proteins in the diatom Phaeodactylum tricornutum: More than 'just' NPQ</i>
15:10-15:30	Session 9.1 - TALK 4 - Jens Boesger <i>HSF1 Controls Circadian Rhythmicity and Ambient Temperature-Regulation under the Influence of CK1 in Chlamydomonas reinhardtii</i>
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15:30-16:00	Coffee Break

16:00-17:30	SYMPOSIA 2	
	Session 2.1 - Plant Bacteria Interaction	HS25
	Chair: Ulla Bonas	
	Session 3.5 - Senescence and Cell Death	HS23
	Chair: Noni Franklin-Tong	
	Session 4.1 - Vegetative Development I: Root	HS24
	Chair: Viola Willemsen	
	Session 6.1 - New Technologies in Plant Breeding	HS21
	Chair: Erik Wijnker	
	Session 7.1 - Systemic Approaches I: Genomics & Next Generation Sequencing	HS22
	Chair: Korbinian Schneeberger	
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16:00-16:30	Session 2.1 - TALK 1 - Ulla Bonas	
	<i>TAL and other type III effectors from the plant pathogen Xanthomonas</i>	
16:20-16:50	Session 2.1 - TALK 2 - Sophia Sonnewald	
	<i>Functional characterization of the type III effector protein XopB from Xanthomonas campestris pv. vesicatoria</i>	
16:50-17:10	Session 2.1 - TALK 3 - Corinna Hofer	
	<i>Identification of a novel receptor-like kinase that is associated with membrane micro-domains and regulates plant immunity</i>	
17:10-17:30	Session 2.1 - TALK 4 - Nana Keinath	
	<i>Function of the TGN/EE and an associated RLK FERONIA in plant innate immunity</i>	
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16:00-16:30	Session 3.5 - TALK 1 - Noni Franklin-Tong	
	<i>Integrating the signalling networks that trigger programmed cell death in self-incompatible Papaver pollen</i>	
16:20-16:50	Session 3.5 - TALK 2 - Dorothea Ellinger	
	<i>Enhanced callose production - an alternative to uncouple pathogen resistance from agricultural tradeoffs</i>	
16:50-17:10	Session 3.5 - TALK 3 - Andreas Schaller	
	<i>Loss-of-function analysis by tissue-specific inhibition of enzyme activity reveals a role for subtilases in peptide hormone processing and floral organ abscission</i>	
17:10-17:30	Session 3.5 - TALK 4 - Erika Isono	
	<i>The deubiquitinating enzyme AMSH and ESCRT-III are required for intracellular trafficking and proper autophagic responses in Arabidopsis thaliana</i>	
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- 16:00-16:30 **Session 4.1** - TALK 1 - Viola Willemsen
Setting the stage for stem cell transcription factors
- 16:20-16:50 **Session 4.1** - TALK 2 - Laura Ragni
Quantitative and Hormonal control of secondary growth: the Arabidopsis hypocotyl as a model
- 16:50-17:10 **Session 4.1** - TALK 3 - Ernst Aichinger
Elucidating the gene regulatory network controlling the root stem cell niche
- 17:10-17:30 **Session 4.1** - TALK 4 - Hans Georg Edlmann
Auxin does not affect root growth per se and has no regulatory relevance for differential gravitropic growth; - time to say goodbye to a false developmental model?
-
- 16:00-16:30 **Session 6.1** - TALK 1 - Erik Wijnker
Design your genome! How to create a plant with the chromosome composition and the cytoplasmic genome of your choice.
- 16:20-16:50 **Session 6.1** - TALK 2 - Andrea Matros
Hybrid Performance Prediction in Winter Wheat Based on Genomic and Metabolomic Data — Metabolite Profiling —
- 16:50-17:10 **Session 6.1** - TALK 3 - Thomas Schmülling
*Enhancing the root system of barley (*Hordeum vulgare* L.) using CKX technology*
- 17:10-17:30 **Session 6.1** - TALK 4 - Goetz Hensel
Designer endonuclease-mediated gene targeting in barley
-
- 16:00-16:30 **Session 7.1** - TALK 1 - Korbinian Schneeberger
Phylogenetic shadowing guided by the cycling transcriptomes of two distantly related Brassicaceae species reveals the atlas of cis-regulatory elements of daytime-specific and daytime-unspecific pathways
- 16:20-16:50 **Session 7.1** - TALK 2 - Anja Paschold
*Complementation contributes to transcriptome complexity in maize (*Zea mays* L.) hybrids relative to their inbred parents*
- 16:50-17:10 **Session 7.1** - TALK 3 - Canan Kùlahoglu
*Comparative transcriptome atlases in *Cleome**
- 17:10-17:30 **Session 7.1** - TALK 4 - Maria Schmidt
*The unusual chloroplast genome sequence of the Synchronophyceae-like alga *Chrysozootocystis socialis* (Ochrophyta)*
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16:30-18:00	DBG Vorstandssitzung	R202
17:30-19:00	POSTER SESSION 1 (even numbers)	
18:00-19:30	Editorial Board, Plant Biology Meeting	R206

Tuesday, October 1st 2013

08:00-12:00	REGISTRATION	
08:30-09:15	PLENARY TALK II Christian Fankhauser <i>Phytochrome Interacting Factors (PIFs) regulate plant growth in a changing light environment</i> Chair: Klaus Harter	HS25
09:15-10:00	PLENARY TALK III Oliver Fiehn <i>Plants, pipes, and ancient dreams: Using metabolomics for chemotaxonomic investigations</i> Chair: Mark Stahl	HS25
10:00-10:30	Coffee Break	

10:30-12:00	SYMPOSIA 3	
	Session 2.2 - Plant Fungi / Oomycete Interaction	HS21
	Chair: Bart Thomma	
	Session 3.1 - Patterning and Differentiation	HS22
	Chair: Martin Hülskamp	
	Session 3.2 - Epigenetics and Small RNAs	HS24
	Chair: Patrick Laufs	
	Session 4.2 - Vegetative Development II: Shoot	HS25
	Chair: Marcus Heisler	
	Session 5.4 - Functional Biodiversity	HS23
	Chair: Christian Wirth	
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10:30-11:00	Session 2.2 - TALK 1 - Bart Thomma	
	<i>How LysM effectors contribute to fungal pathogenicity</i>	
11:00-11:20	Session 2.2 - TALK 2 - Andrea Gust	
	<i>The Arabidopsis thaliana Receptor-like Protein RLP30 Mediates Innate Immunity towards Necrotrophic Fungi</i>	
11:20-11:40	Session 2.2 - TALK 3 - Anne-Christin Doering	
	<i>Pipelicolic acid is an essential regulator of systemic acquired resistance and defense priming in plants</i>	
11:40-12:00	Session 2.2 - TALK 4 - Christian Voigt	
	<i>Structure and biochemistry of pathogen-induced callose</i>	
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10:30-11:00	Session 3.1 - TALK 1 - Martin Hülskamp	
	<i>Trichome Patterning in Arabidopsis: how protein-protein interactions shape the dynamics of a network</i>	
11:00-11:20	Session 3.1 - TALK 2 - Ignacio Rubio Somoza	
	<i>Temporal control of leaf complexity by miRNA-controlled licensing of protein complexes</i>	
11:20-11:40	Session 3.1 - TALK 3 - Sebastian Konrad	
	<i>Palmitoylation of Remorin proteins stabilizes plasma membrane binding but does not confer localization to membrane domains</i>	
11:40-12:00	Session 3.1 - TALK 4 - Minou Nowrousian	
	<i>Genomics and transcriptomics to analyze multicellular development in fungi</i>	
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10:30-11:00	Session 4.1 - TALK 1 - Patrick Laufs <i>MicroRNA regulation of leaf development</i>	
11:00-11:20	Session 4.1 - TALK 2 - Nicole Ay <i>Regulative key factors of leaf senescence which are putative targets for chromatin alterations in Arabidopsis</i>	
11:20-11:40	Session 4.1 - TALK 3 - Michael Florian Mette <i>Approach to precision-engineering of plant minichromosomes</i>	
11:40-12:00	Session 4.1 - TALK 4 - Christian Schmitz-Linneweber <i>Short non-coding RNA fragments accumulating in plant organelles: footprints of RNA binding proteins</i>	
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10:30-11:00	Session 4.2 - TALK 1 - Marcus Heisler <i>The Establishment of Lateral Organ Polarity in Arabidopsis</i>	
11:00-11:20	Session 4.2 - TALK 2 - Tom Bennett <i>Evolution of a regulatory module: strigolactones, PIN proteins and shoot branching</i>	
11:20-11:40	Session 4.2 - TALK 3 - Nial Gursansky <i>CLE peptide signaling inhibits cambium activity in Arabidopsis in a MOL1-dependent fashion</i>	
11:40-12:00	Session 4.2 - TALK 4 - David Sheerin <i>Interaction of Phytochrome A and SPA1 promotes photomorphogenesis in far-red light</i>	
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10:30-11:00	Session 5.2 - TALK 1 - Christian Wirth <i>From pots to plots to continents - functional biodiversity research and functional biogeography in a data-rich world</i>	
11:00-11:20	Session 5.2 - TALK 2 - Christine Hellmann <i>Tracing plant-plant interactions on the spatial scale using community ¹⁵N isoscapes</i>	
11:20-11:40	Session 5.2 - TALK 3 - Myles Levey <i>How did the photorespiration change in the context of C4 evolution?</i>	
11:40-12:00	Session 5.2 - TALK 4 - Anne-Maria Wesseling <i>Homospermidine synthases in various Poaceae species</i>	
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12:00-14:00	Lunch Break	Mensa Wilhelmstraße
13:15-14:00	Mitgliederversammlung DBG Sections	
	Phykologie	HS23
	Pflanzliche Naturstoffe	HS24
	Molekularbiologie und Physiologie	HS22
	Mykologie und Lichenologie	R202

14:00-15:30	SYMPOSIA 4	
	Session 1.3 - Abiotic Stress Memory	HS25
	Chair: Ortrun Mittelsten Scheid	
	Session 4.3 - Reproductive Development I: Gametophyte and Fertilization	HS22
	Chair: Ueli Grossniklaus	
	Session 5.2 - Evolution of Regulatory Networks	HS24
	Chair: Joost Keurentjes	
	Session 7.2 - Systemic Approaches II: Metabolomics	HS23
	Chair: Hans-Peter Mock	
	Session 8.2 - Photosynthesis: Carbon Fluxes	HS21
	Chair: Christoph Peterhänsel	
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14:00-14:30	Session 1.3 - TALK 1 - Ortrun Mittelsten Scheid <i>Epigenetic plasticity under heat stress</i>	
14:20-14:50	Session 1.3 - TALK 2 - Elke Heine-Dobbernack <i>Improved freezing tolerance by pr-10a overexpression</i>	
14:50-15:10	Session 1.3 - TALK 3 - Natallia Ashykhmina <i>Dissecting the Role of FIERY1 in different Plant Cell Compartments</i>	
15:10-15:30	Session 1.3 - TALK 4 - Nisar Ahmad <i>The elevated level of H₂O₂ is a consequence of low availability of sulfur to shoot under drought stress in Zea mays</i>	
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14:00-14:30	Session 4.3 - TALK 1 - Ueli Grossniklaus <i>Molecular Control of Fertilization and Interspecific Hybridization</i>	
14:20-14:50	Session 4.3 - TALK 2 - Mariana Mondragón Palomino <i>From guard to guide: Evolutionary functional diversification of defensins in Arabidopsis</i>	
14:50-15:10	Session 4.3 - TALK 3 - Sotirios Fragkostefanakis <i>The role of heat stress transcription factor HsfA2 in vegetative and reproductive tissue development and heat stress response in tomato (Solanum lycopersicum)</i>	
15:10-15:30	Session 4.3 - TALK 4 - Jennifer Selinski <i>The plastid-localized NAD-dependent malate dehydrogenase is crucial for energy homeostasis in developing Arabidopsis thaliana seeds</i>	
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- 14:00-14:30 **Session 5.1** - TALK 1 - Joost Keurentjes
QTL analysis of natural variation: Dissecting the regulatory circuitry underlying quantitative traits
- 14:20-14:50 **Session 5.1** - TALK 2 - Patrice Salomé
Natural variation in the Arabidopsis circadian clockwork
- 14:50-15:10 **Session 5.1** - TALK 3 - Udo Gowik
Evolution of C4 photosynthesis in the genus Flaveria - diurnal changes of the leaf transcriptomes of C3, C3-C4 and C4 species
- 15:10-15:30 **Session 5.1** - TALK 4 - Alexander Heyl
A new subfamily of cytokinin receptors is revealed by an analysis of the evolution of the two-component signaling system of plants
-
- 14:00-14:30 **Session 7.2** - TALK 1 - Hans-Peter Mock
Spatial and temporal patterns of metabolites during barley seed development
- 14:20-14:50 **Session 7.2** - TALK 2 - Gerhard Obermeyer
MultiPollenOmics reveals dynamic changes in pollen metabolism
- 14:50-15:10 **Session 7.2** - TALK 3 - Ivo Feussner
Using Metabolite Fingerprinting to Elucidate Secondary Metabolism of Brassicaceae upon Verticillium longisporum Infection
- 15:10-15:30 **Session 7.2** - TALK 4 - Jörg Ziegler
Targeted and non-targeted Metabolite Profiling of Arabidopsis Root Exudates after Phosphate Starvation
-
- 14:00-14:30 **Session 8.2** - TALK 1 - Christoph Peterhänsel
C4 photosynthetic promoters use a histone code to integrate developmental and environmental stimuli
- 14:20-14:50 **Session 8.2** - TALK 2 - Shirin Zamani-Nour
Loss of Cytosolic Phosphoglucose Isomerase (cPGI) affects carbohydrate metabolism in leaves and is essential for fertility of Arabidopsis thaliana
- 14:50-15:10 **Session 8.2** - TALK 3 - Marion Eisenhut
Transcriptional response of A. thaliana wild type and photorespiratory mutants towards changes in CO2 levels
- 15:10-15:30 **Session 8.2** - TALK 4 - Peter Kroth
Time and light dependent regulation of the Calvin Cycle in the diatom Phaeodactylum tricornutum
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- 15:30-16:00 Coffee Break

16:00-17:30	SYMPOSIUM 5	
	Session 1.4 - Environmental Toxicity	HS22
	Chair: Ute Kraemer	
	Session 2.3 - Plant Insect Interaction	HS21
	Chair: Ian Thomas Baldwin	
	Session 3.3 - Membrane Trafficking	HS25
	Chair: Karin Schumacher	
	Session 5.3 - Morphological Evolution	HS24
	Chair: Elena Kramer	
	Session 5.6 - Fungal Diversity in the Soil	HS23
	Chair: François Buscot	
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16:00-16:30	Session 1.4 - TALK 1 - Ute Kraemer	
	<i>Environmental adaptation in Arabidopsis halleri</i>	
16:20-16:50	Session 1.4 - TALK 2 - Katrin Philipp	
	<i>PIC-NIC in plastid envelopes - towards decoding chloroplast metal-translocon complexes</i>	
16:50-17:10	Session 1.4 - TALK 3 - Fabian Brandenburg	
	<i>Characterization of the hypothetical manganese exporter MANGA in the cyanobacterium Synechocystis sp. PCC 6803</i>	
17:10-17:30	Session 1.4 - TALK 4 - Jens Müller	
	<i>Iron mediates root stem cell differentiation under phosphate starvation</i>	
<hr/>		
16:00-16:30	Session 2.3 - TALK 1 - Ian Thomas Baldwin	
	<i>Using Plant-mediated RNAi in the field to study plant-insect interactions</i>	
16:20-16:50	Session 2.3 - TALK 2 - Kira Tiedge	
	<i>Regulation of nectar composition of day- and nightflowering plants</i>	
16:50-17:10	Session 2.3 - TALK 3 - Caroline Müller	
	<i>Plant metabolic responses to interactions between phytohormone pathways and impacts on herbivores of different feeding types</i>	
17:10-17:30	Session 2.3 - TALK 4 - Martin Schäfer	
	<i>New roles for cytokinins in plant responses to wounding and herbivore perception</i>	
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- 16:00-16:30 **Session 3.3** - TALK 1 - Karin Schumacher
Vacuoles - Pumping up the plant volume
- 16:20-16:50 **Session 3.3** - TALK 2 - Ingo Heilmann
Phosphoinositide control of PIN polarization in Arabidopsis
- 16:50-17:10 **Session 3.3** - TALK 3 - Martina Beck
Regulation of endocytic sorting and trafficking of the immune receptor FLAGELLIN SENSING 2
- 17:10-17:30 **Session 3.3** - TALK 4 - Zengyu Liu
A new class of microtubule associated proteins regulates the interaction between the plasma membrane and cortical microtubules in Arabidopsis
-
- 16:00-16:30 **Session 5.3** - TALK 1 - Elena Kramer
Gene duplication as a mechanism for generating novel floral organ identity
- 16:20-16:50 **Session 5.3** - TALK 2 - Andrea Busch
Evolution of a novel flower trait in the Brassicaceae
- 16:50-17:10 **Session 5.3** - TALK 3 - Anahid Powell
Molecular Dissection of the Selfing Syndrome in the Genus Capsella
- 17:10-17:30 **Session 5.3** - TALK 4 - Andreas Hiltbrunner
Shedding Light on the Evolutionary Conservation of Phytochrome Signalling in Land Plants
-
- 16:00-16:30 **Session 5.6** - TALK 1 - François Buscot
Problems, advances and next challenges in field studies of soil fungi diversity
- 16:20-16:50 **Session 5.6** - TALK 2 - Ingeborg Haug
Communities of arbuscular mycorrhizal fungi in tropical mountains of South Ecuador
- 16:50-17:10 **Session 5.6** - TALK 3 - Ingo Höpfner
Carbon allocation trade-off between arbuscular mycorrhizal fungi and roots reveals contrasting foraging strategies in pioneer plant species on sand
-
- 17:30-19:00 **POSTER SESSION 2** (uneven numbers)

18:15-19:00 DBG Mitgliederversammlung HS24

20:00 **PUBLIC EVENING LECTURE** HS25

Johannes Krause

Ancient Pathogen Genomics: Uncovering the evolution and history of historical human and plant pathogens

Chair: Klaus Harter

Wednesday, October 2nd 2013

8:00-12:00	REGISTRATION	
08:30-09:15	PLENARY TALK IV Salomé Prat <i>Seasonal control of potato storage organ formation: the Solanaceae photoperiodic pathway</i> Chair: Detlef Weigel	HS25
09:15-10:00	PLENARY TALK V Pamela Silver <i>Enhancing photosynthesis and carbon fixation</i> Chair: Ulrike Zentgraf	HS25
10:00-10:30	Coffee Break	

10:30-12:00	SYMPOSIA 6	
	Session 1.5 - Temperature and other Environmental Stresses	HS25
	Chair: Kerry Franklin	
	Session 2.6 - Biology of Endophytes	HS23
	Chair: Barbara Schulz	
	Session 7.3 - Systemic Approaches III: Proteomics and Phosphoproteomics	HS22
	Chair: Sacha Baginsky	
	Session 8.3 - Central Carbon Metabolism	HS21
	Chair: Jorg Schwender	
	Session 9.2 - Biodiversity and Ecological Functions of Algae and Seagrasses	HS24
	Chair: Thorsten Reusch	
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10:30-11:00	Session 1.5 - TALK 1 - Kerry Franklin	
	<i>Light and temperature-regulation of plant architecture</i>	
11:00-11:20	Session 1.5 - TALK 2 - Carolin Delker	
	<i>Unraveling molecular mechanisms involved in responses to moderate temperature increases</i>	
11:20-11:40	Session 1.5 - TALK 3 - Sunil Kumar Dhiman	
	<i>Cryptochrome in Arabidopsis thaliana: Is it a sensor for the Geomagnetic Field?</i>	
11:40-12:00	Session 1.5 - TALK 4 - Markus Teige	
	<i>Multisite phosphorylation of a bZIP transcription factor by different kinases as means for acclimation to different stresses</i>	
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10:30-11:00	Session 2.6 - TALK 1 - Barbara Schulz	
	<i>Endophytic fungi are involved in multiple balanced antagonisms</i>	
11:00-11:20	Session 2.6 - TALK 2 - Susann Auer	
	<i>The endophyte Acremonium alternatum affects plant growth and pathogen infection with clubroot</i>	
11:20-11:40	Session 2.6 - TALK 3 - Nicole Brinkmann	
	<i>Latent bacterial background of "axenic" plant cell cultures: Contaminants or Endophytes?</i>	
11:40-12:00	Session 2.6 - TALK 4 - Dominik Begerow	
	<i>Host specificity of phyllosphere fungal communities of tropical trees</i>	
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10:30-11:00	Session 7.3 - TALK 1 - Sacha Baginsky <i>Functional proteomics offers a new perspective on chloroplast biogenesis and the function of posttranslational modifications</i>	
11:00-11:20	Session 7.3 - TALK 2 - Till Ischebeck <i>Comprehensive cell-specific protein analysis in early and late pollen development - from diploid microsporocytes to pollen tube growth</i>	
11:20-11:40	Session 7.3 - TALK 3 - Fabio Facchinelli <i>Proteomic analysis of the <i>Cyanophora paradoxa</i> muroplast provides clues on early events in carbon allocation in plants</i>	
11:40-12:00	Session 7.3 - TALK 4 - Markus Hartl <i>Exploring the role of lysine acetylation in the regulation of plant metabolism</i>	
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10:30-11:00	Session 8.3 - TALK 1 - Jorg Schwender <i>Quantitative analysis of metabolism on a network scale unlocks the complexity of central carbon metabolism</i>	
11:00-11:20	Session 8.3 - TALK 2 - Nicole Linka <i>Connecting the Peroxisomes - metabolite transporters across the Peroxisome membrane</i>	
11:20-11:40	Session 8.3 - TALK 3 - Hardy Rolletschek <i>Seed architecture shapes embryo metabolism in oilseed rape</i>	
11:40-12:00	Session 8.3 - TALK 4 - Eric van der Graaff <i>A systems biology analysis of early-stage sugar beet storage root development</i>	
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10:30-11:00	Session 9.2 - TALK 1 - Thorsten Reusch <i>Evolutionary adaptation to global change in marine photoautotrophic microbes</i>	
11:00-11:20	Session 9.2 - TALK 2 - Rolf Karez <i>Contribution of Water Framework Directive (WFD) monitoring to scientific biodiversity research</i>	
11:20-11:40	Session 9.2 - TALK 3 - Burkhard Becker <i>Desiccation Effects in Terrestrial Streptophycean Green Algae: Transcriptome Analyses of an alpine Klebsormidium strain</i>	
11:40-12:00	Session 9.2 - TALK 4 - Uwe Nehls <i>Phosphate transporter of the seagrass <i>Zostera marina</i></i>	
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12:00-13:30	Lunch Break	Mensa Wilhelmstraße
12:00-13:30	VAB Generalversammlung	R206

13:30-15:00	SYMPOSIA 7	
	Session 2.4 - Symbiosis I: Mycorrhiza	HS22
	Chair: Uta Paszkowski	
	Session 3.4 - Cytoskeleton, Cell Growth and Cell Division	HS21
	Chair: Patrick J. Hussey	
	Session 4.4 - Reproductive Development II: Flower(ing) and Fruit	HS25
	Chair: Lars Ostergaard	
	Session 5.5 - Ecological Processes and Climate Change	HS24
	Chair: Francis Martin	
	Session 7.5 - Light Microscopy	HS23
	Chair: Joop EM Vermeer	

13:30-14:00	Session 2.4 - TALK 1 - Uta Paszkowski <i>Molecular Genetics of Rhizosphere Communication in Arbuscular Mycorrhizal Symbioses of Cereals</i>	
14:00-14:20	Session 2.4 - TALK 2 - Caroline Gutjahr <i>Disorganized arbuscules is required for arbuscule branching</i>	
14:20-14:40	Session 2.4 - TALK 3 - Uwe Nehls <i>Sugar for my honey: Mechanisms of fungal carbohydrate nutrition in ectomycorrhizal symbiosis</i>	
14:40-15:00	Session 2.4 - TALK 4 - Rabea Schweiger <i>General and plant species-specific foliar metabolic responses to arbuscular mycorrhiza</i>	

13:30-14:00	Session 4.3 - TALK 1 - Patrick J. Hussey <i>Interactions of the plant cytoskeleton with membranes</i>	
14:00-14:20	Session 4.3 - TALK 2 - Katharina Bürstenbinder <i>Plant-specific IQD families: novel calmodulin-targets involved in protein recruitment to microtubules</i>	
14:20-14:40	Session 4.3 - TALK 3 - Mareike Heilmann <i>Nuclear phosphoinositides: New roles as regulators of cell cycle, stem cell identity and meristem maintenance?</i>	
14:40-15:00	Session 4.3 - TALK 4 - Dorothee Stöckle <i>Putative ROP-GAPs are essential for pavement cell shape establishment</i>	

- 13:30-14:00 **Session 4.4** - TALK 1 - Lars Ostergaard
The Developmental History of a Fruit
- 14:00-14:20 **Session 4.4** - TALK 2 - Vanessa Wahl
Is trehalose-6-phosphate (T6P) a general signal gating developmental transitions?
- 14:20-14:40 **Session 4.4** - TALK 3 - Goetz Hensel
Restoration of lateral spikelet fertility in two-rowed barley by RNA-interference of Vrs1
- 14:40-15:00 **Session 4.4** - TALK 4 - Manuela Peukert
The Role of Oligo Fructans During Barley Grain Development
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- 13:30-14:00 **Session 5.5** - TALK 1 - Francis Martin
Exploring the Genomes of Mycorrhizal Fungi to Understand the Evolution of Symbiosis
- 14:00-14:20 **Session 5.5** - TALK 2 - Uwe Sonnewald
Simultaneous application of heat, drought and virus to Arabidopsis thaliana plants reveals significant shifts in signaling networks
- 14:20-14:40 **Session 5.5** - TALK 3 - Madalin Parepa
Environmental variability promotes plant invasion
- 14:40-15:00 **Session 5.5** - TALK 4 - Juergen Burkhardt
Hygroscopic leaf surface particles reduce the drought tolerance of Scots pine by deliquescence, stomatal penetration and the establishment of wick-like structures
-
- 13:30-14:00 **Session 7.5** - TALK 1 - Joop EM Vermeer
Seeing the trees through the forest: live imaging of plant development.
- 14:00-14:20 **Session 7.5** - TALK 2 - Henrik Buschmann
Cell division and morphological patterning of Marchantia analysed by live-cell microscopy of GFP-labelled microtubules
- 14:20-14:40 **Session 7.5** - TALK 3 - Elisabeth Lipka
Leading to accuracy: Function of Phragmoplast Orienting Kinesins
- 14:40-15:00 **Session 7.5** - TALK 4 - Christopher Grefen
The 2in1 system allows ratiometric BiFC and trafficking analysis
-
- 15:00-15:30 Coffee Break

15:30-17:00	SYMPOSIUM 8	
	Session 2.5 - Symbiosis II: RNS	HS22
	Chair: Jens Stougaard	
	Session 5.7 - Evolutionary Relationships of Primary and Secondary Metabolism	HS24
	Chair: Birgit Draeger	
	Session 6.2 - Molecular Farming in Plant Systems	HS21
	Chair: Eva Decker	
	Session 8.5 - Transport Processes: Regulation and Impact on Plant Performance / Properties	HS25
	Chair: Nicolaus von Wirén	
	Session 9.3 - Biotic Interactions in the Aquatic Environment	HS23
	Chair: Eric von Elert	
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15:30-16:00	Session 2.5 - TALK 1 - Jens Stougaard	
	<i>Bacterial infection of epidermal cells is controlled by a two-step recognition process</i>	
16:00-16:20	Session 2.5 - TALK 2 - Katja Katzer	
	<i>Activation of CYCLOPS, a novel DNA-binding transcriptional regulator leads to spontaneous nodule formation in the absence of rhizobia</i>	
16:20-16:40	Session 2.5 - TALK 3 - Yi Zhang	
	<i>Regulation of Agrobacterial Ipt Oncogene Expression in Host plants</i>	
16:40-17:00	Session 2.5 - TALK 4 - Suayib Üstün	
	<i>The Xanthomonas campestris Type III Effector XopJ Targets the Host Cell Proteasome to Suppress Salicylic-Acid Mediated Plant Defence</i>	
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15:30-16:00	Session 5.7 - TALK 1 - Birgit Draeger	
	<i>A key alkaloid enzyme, putrescine N-methyltransferase, as example for evolution from a primary metabolic enzyme</i>	
16:00-16:20	Session 5.7 - TALK 2 - Soheil Pezeshki	
	<i>Secondary metabolites in early land plants: Rosmarinic acid production of the hornwort Anthoceros agrestis</i>	
16:20-16:40	Session 5.7 - TALK 3 - Birgit Piechulla	
	<i>Diversity of ,cineole cassette' monoterpene cyclases in the genus Nicotiana</i>	
16:40-17:00	Session 5.7 - TALK 4 - Erich Glawischnig	
	<i>Function and interaction of cytochrome P450 enzymes in the biosynthesis of camalexin</i>	
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- 15:30-16:00 **Session 6.2** - TALK 1 - Eva Decker
Glyco-engineering for plant-based biopharmaceutical production
- 16:00-16:20 **Session 6.2** - TALK 2 - Christoph Unger
Plant Seeds as a Productionsystem - comparative analysis of Plant made Pharmaceuticals (PMP) and Industrials (PMI) produced in different species
- 16:20-16:40 **Session 6.2** - TALK 3 - Nico Dissmeyer
Protein quality control - from protein recognition and degradation to conditional protein expression
- 16:40-17:00 **Session 6.2** - TALK 4 - Christian Wilhelm
New Green Chemistry: methane production by the action of phototrophic microalgae without biomass formation
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- 15:30-16:00 **Session 8.5** - TALK 1 - Nicolaus von Wirén
Regulation of ammonium transport and sensing in plant roots
- 16:00-16:20 **Session 8.5** - TALK 2 - Ekkehard Neuhaus
Sugar transport across the vacuolar membrane
- 16:20-16:40 **Session 8.5** - TALK 3 - Thea R. Pick
PLGG1, a novel plastidic glycolate glycerate transporter, is essential for photorespiration
- 16:40-17:00 **Session 8.5** - TALK 4 - Katrin Philippar
FAX1, a novel membrane protein in the chloroplast inner envelope mediates export of fatty acids
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- 15:30-16:00 **Session 9.3** - TALK 1 - Eric von Elert
Chemical ecology in the aquatic realm: concepts, approaches and challenges
- 16:00-16:20 **Session 9.3** - TALK 2 - Karin Komsic-Buchmann
Contractile vacuoles (CVs) - an osmoregulatory wonder: continuous water flow through a single celled organism
- 16:20-16:40 **Session 9.3** - TALK 3 - Lutz Wobbe
*Cellulose degradation and assimilation by the unicellular phototrophic eukaryote *Chlamydomonas reinhardtii**
- 16:40-17:00 **Session 9.3** - TALK 4 - Michael Schroda
*How *Chlamydomonas* Suffers and Recovers from Heat Stress - a Systems Biology Approach*
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- 17:00-18:30 **POSTER SESSION 3** (open)
- 19:00 Conference Dinner (Casino)

Thursday, October 3rd 2013

08:00-12:00	REGISTRATION	
08:30-09:15	PLENARY TALK VI Glenn Hicks <i>Chemical Biology Reveals Insights into Endomembrane Trafficking</i> Chair: Gerd Jürgens	HS25
09:15-10:00	PLENARY TALK VII Enrico Coen <i>The Hidden Signposts of Development</i> Chair: Gerd Jürgens	HS25
10:00-10:30	Coffee Break	

10:30-12:00	SYMPOSIA 9	
	Session 1.2 - Circadian Clock & Hormone Signaling	HS21
	Chair: Malcolm Bennett	
	Session 4.5 - Embryo and Meristem	HS24
	Chair: Thomas Laux	
	Session 7.6 - Tomography, Imaging and Spectroscopy	HS23
	Chair: Chris Hawes	
	Session 8.4 - Specialized Metabolism	HS25
	Chair: Barbara A. Halkier	
	Session 10 - Industrial Presentations	HS22
	Chair: Klaus Harter	
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10:30-11:00	Session 1.2 - TALK 1 - Malcolm Bennett	
	<i>Lateral root organ initiation rephases the circadian clock in Arabidopsis thaliana</i>	
11:00-11:20	Session 1.2 - TALK 2 - Sebastian Wolf	
	<i>A receptor protein links cell wall surveillance with hormone signalling</i>	
11:20-11:40	Session 1.2 - TALK 3 - Tomas Werner	
	<i>ROCK1 encodes a novel nucleotide sugar transporter influencing the cellular cytokinin homeostasis</i>	
11:40-12:00	Session 1.2 - TALK 4 - Axel Mithöfer	
	<i>Insect-induced jasmonates and carnivorous plants</i>	
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10:30-11:00	Session 4.5 - TALK 1 - Thomas Laux	
	<i>Novel concepts in Arabidopsis shoot meristem stem cell maintenance</i>	
11:00-11:20	Session 4.5 - TALK 2 - Marcel Quint	
	<i>The green hourglass - a phylotranscriptomic comparison of plant and animal embryogenesis</i>	
11:20-11:40	Session 4.5 - TALK 3 - Michaela Matthes	
	<i>Mutations in RPK1 uncouple formation of cotyledon anlagen and primordia growth in Arabidopsis thaliana embryos by modulating epidermal cell shape and polarity</i>	
11:40-12:00	Session 4.5 - TALK 4 - Seyedeh Batool Hassani	
	<i>Overexpression of embryogenesis- and growth-related genes in transgenic Pinus pinaster embryos</i>	
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10:30-11:00	Session 7.6 - TALK 1 - Chris Hawes <i>Scanning EM - the future for studying cellular ultrastructure</i>
11:00-11:20	Session 7.6 - TALK 2 - Lilian Schmidt <i>Are spectroscopic measurements suitable for non-invasive determination of nitrogen and anthocyanin concentrations in purple vegetables?</i>
11:20-11:40	Session 7.6 - TALK 3 - Ljudmilla Borisjuk <i>NMR based functional imaging in living plant</i>
11:40-12:00	Session 7.6 - TALK 4 - Heiko Wagner <i>Biochemical traits of plant cells measured by FTIR spectroscopy</i>
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10:30-11:00	Session 8.4 - TALK 1 - Barbara A. Halkier <i>Integration of organ-specific biosynthesis and long-distance transport establish distinct glucosinolate profiles in vegetative Arabidopsis</i>
11:00-11:20	Session 8.4 - TALK 2 - Frauke Gumz <i>Biochemistry of Glucosinolate Breakdown: Towards a better understanding of Specifier protein structure and Function</i>
11:20-11:40	Session 8.4 - TALK 3 - Stefan Binder <i>In Arabidopsis thaliana small subunit 1 of the isopropylmalate isomerase is required for leucine and glucosinolate biosynthesis as well as leaf patterning</i>
11:40-12:00	Session 8.4 - TALK 4 - Christian Sievert <i>Transcriptomics of selected pyrrolizidine alkaloid producing plants</i>
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10:30-11:00	Session 10 - TALK 1 - Jan Dittgen <i>From Classical Input Traits to Components of an Integrated Research Portfolio</i>
11:00-11:30	Session 10 - TALK 2 - Katia Schütze <i>Biotech and Breeding for future demands in Agriculture</i>
11:30-12:00	Session 10 - TALK 3 - Robert Böhm <i>Preparing the future : Engineering abiotic stress tolerance in Petunia hybrida</i>
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12:00-13:30	Lunch Break Mensa Wilhelmstraße

13:30-14:15	PLENARY TALK VIII Ralph Bock <i>Transgenic plastids as expression factories in biotechnology</i> Chair: Thorsten Nürnberger	HS25
14:15-15:15	POSTER AWARDS	HS25
15:15	FARE WELL	

Friday, October 4th 2013

09:00 EXKURSIONS

OVERVIEW CONFERENCE PROGRAM

29.09 - 04.10.2013 - Tübingen	
Friday, 04.10.13	
8:00	Excursions
9:00	Excursions
10:00	Excursions
11:00	Excursions
12:00	Excursions
13:00	Excursions
14:00	Excursions
15:00	Excursions
16:00	Excursions
17:00	Excursions
18:00	Excursions
19:00	Excursions
20:00	Excursions
20:30	Excursions

BT2013 SCHEDULE				
Sunday, 29.09.13	Monday, 30.09.13	Tuesday, 01.10.13	Wednesday, 02.10.13	Thursday, 03.10.13
8:00	Registration Desk open	Registration Desk open	Registration Desk open	Registration Desk open
9:00	Registration Desk open	Plenary Talk II (Christian Fahlbauer)	Plenary Talk IV (Sabine Post)	Plenary Talk VI (Gerrit Heik)
9:15-10:00	Welcome Address	Plenary Talk III (Oliver Frihn)	Plenary Talk V (Pamela Silver)	Plenary Talk VII (Enrico Coen)
10:00	Plenary Talk I (Paul Schulze-Lehner)	Coffee Break	Coffee Break	Coffee Break
11:00	Coffee Break	10:30-12:00	10:30-12:00	10:30-12:00
12:00	Awards	Symposia 3 (2.2-3.1-3.2-4.2-5.4)	Symposia 6 (1.5-2.6-7.3-8.3-9.2)	Symposia 9 (1.2-4.5-8.4-7.6-10)
13:00	Lunch Break	12:00-14:00	12:00-13:30	12:00-13:30
14:00	Lunch Break	Lunch Break	Lunch Break	Lunch Break
15:00	Symposia 1 (1.1-5.1-7.4-8.1-9.1)	13:15-14:00 MV DBG sections	Symposia 7 (2.4-3.4-4.4-5.5-7.5)	Plenary Talk VIII (Ralph Beck)
16:00	Coffee Break	14:00-15:30	Coffee Break	Poster Awards
16:00	Symposia 2 (2.1-3.5-4.1-6.1-7.1)	Symposia 4 (1.3-4.3-5.2-7.2-8.2)	15:00-15:30	15:15
17:00	Poster Session 1 (even no.)	Symposia 5 (1.4-2.3-3.3-5.3-5.6)	15:30-17:00	Farewell
18:00	Poster Session 1 (even no.)	17:30-19:00	Symposia 8 (2.5-5.7-6.2-8.5-9.3)	
19:00	Registration Desk open	Poster Session 2 (uneven no.) 18:15-19:00	17:00-18:30	
20:00		MV DBG	Poster Session 3 (open)	
20:30		20:00 Evening Public Lecture Johannes Krause	19:00	Conference Dinner (at Casino)

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