

Plant Abiotic Stress - from signaling to development

International Conference Tartu Estonia 14th – 17th of May 2009

DAY 1 (14th of May, Thursday)

17:00-22:00	Registration and poster set up
20:30-22:00	Welcome refreshments

DAY 2 (15th of May, Friday)

8:00-9:00	Registration and poster set up
9:00-9:15	Welcome note by Antonio Tiburcio, chair of INPAS
	ABIOTIC STRESS SIGNALLING
	Chair: Simon Gilroy
9:15-9:45	Ülo Niinemets (Estonia): Scaling abiotic stress resistance from molecular mechanisms to the field
9:45-10:10	Tamas Dalmay (UK): Plant short RNAs and stress
10:10-10:30	Irute Meskiene (Austria): Stress and Plant Developmental control by protein phosphatases
10:30-10:50	Tony Remans (Belgium): Elucidating the molecular triggers of root developmental responses to heavy metal stress
10:50-11:10	Teun Munnik (Netherlands): Phospholipid Signaling in Plant Stress & Development
11:10-11:40	Coffee break
	Chair: Dorothea Bartels
11:40-12:10	Montserrat Pages (Spain): Drought tolerance in maize, an important crop in agriculture
12:10-12:30	Laszlo Bogre (UK): Signalling pathways regulating the extent and directionality of plant growth in response to environmental stress factors and during development
12:30-12:50	Dudy Bar-Zvi (Israel): Structure function of tomato ASR1 - a plant specific stress regulated hydrophilin
12:50-13:10	Natalia Stepanchenko (Russia): Cross-talk between ethylene and abscisic acid signaling pathways mediates proliferation of <i>Arabidopsis thaliana</i> cultivated cells
13:10-14:30	Lunch
	GENETICS AND NATURAL VARIATION
	Chair: Laszlo Szabados
14:30-15:00	Matthieu Reymond (Germany): Genetic and molecular basis of plant performance using natural variation in <i>Arabidopsis thaliana</i>
15:00-15:20	Arnd Heyer (Germany): Mathematical Modelling of Acclimation to low Temperature Reveals Contrasting Strategies in Natural Accessions of <i>Arabidopsis thaliana</i>
15:20-15:40	Ruben Alcazar (Germany): Environmental dependence of genetic epistatic networks modulating growth, immune responses and speciation processes in <i>Arabidopsis</i>
15:40-16:00	Gad Galili (Israel): Principal transcriptional programs regulating plant metabolism in response to abiotic stresses
16:00-16:30	Coffee break
	Chair: Ülo Niinemets
16:30-17:00	John Doonan (UK): Natural variation in cell growth: roles in adaptation to environmental stresses
17:00-17:20	Arnould Savoure (France): Opposite stress signalling pathways are present in <i>Arabidopsis thaliana</i> and in <i>Thellungiella halophila</i>

17:20-17:40	Myriam Olortegui (Netherlands): Natural genetic variation of abiotic multi-stress responses in <i>Arabidopsis</i>
17:40-18:00	Mary Prathiba (Hungary): A Novel genetic approach for Identifying genes involved in Abscisic acid regulation
18:00-19:30	Free time
19:30-22:00	Poster session with beer/wine/buffet

DAY 3 (16th of May, Saturday)

PHYSIOLOGY, BIOCHEMISTRY & METABOLIC PROFILES	
Chair: Hannes Kollist	
9:00-9:30	Rainer Hedrich (Germany): Guard cells in action
9:30-10:00	Maria Israelsson Nordström (Sweden): Keeping up with changing CO ₂ levels- new insights from the guard cells
10:00-10:20	Irina Puzõrjova (Estonia): Over-expression of ERD15 affects stomatal response to several atmospheric stimuli
10:20-10:40	Triin Vahisalu (Estonia): Key proteins in governing stomatal response to ozone and induction of reactive oxygen species in plants
10:40-11:00	Kumud Mishra (Czech Republic): Feasibility experiments for developing tools and methodology for non-invasive sensing of drought resistance in tomato transgenics
11:00-11:30	Coffee break
Chair: Antonio Tiburcio	
11:30-12:00	Alain Bouchereau (France): A comparative functional analysis of salt and osmotic stress metabolomes in <i>Thellungiella halophila</i> and <i>Arabidopsis thaliana</i>
12:00-12:20	Teresa Altabella (Spain): Putrescine as signaling molecule involved in the control of stress responses to cold and drought
12:20-12:40	Claudia Jonak (Austria): High soil salinity: Metabolic adaptation, redox balance and signalling
12:40-13:00	Aviah Zilberstein (Israel): Newly Identified Cytosolic-Mitochondrial Proline-P5C Cycle in Plants
13:00-14:30	Lunch
ABIOTIC STRESS AND DEVELOPMENT	
Chair: Pedro Carrasco	
14:30-15:00	Simon Gilroy (USA): Feeling green: mechanotransduction in <i>Arabidopsis</i> growth and development
15:00-15:20	Seth Davis (Germany): Redox stress is a major component of circadian-clock resetting in response to dawn
15:20-15:40	Carlos S. Galvan-Ampudia (Netherlands): Osmotic stress-induced signals control root growth
15:40-16:00	Margarete Müller (Germany): UBP14 is involved in root hair development under phosphate starvation in <i>Arabidopsis</i>
16:00-16:30	Coffee Break
16:30-18:00	Management Committee Meeting
18:00-20:00	Sightseeing Tour
20:00-03:00	Closing Dinner in Gunpowder Cellar

DAY 4 (17th of May, Sunday)

6:00-12:00	Dismounting posters
6:00-12:00	Checkout from Dorpat hotel

Travel information

Arrival

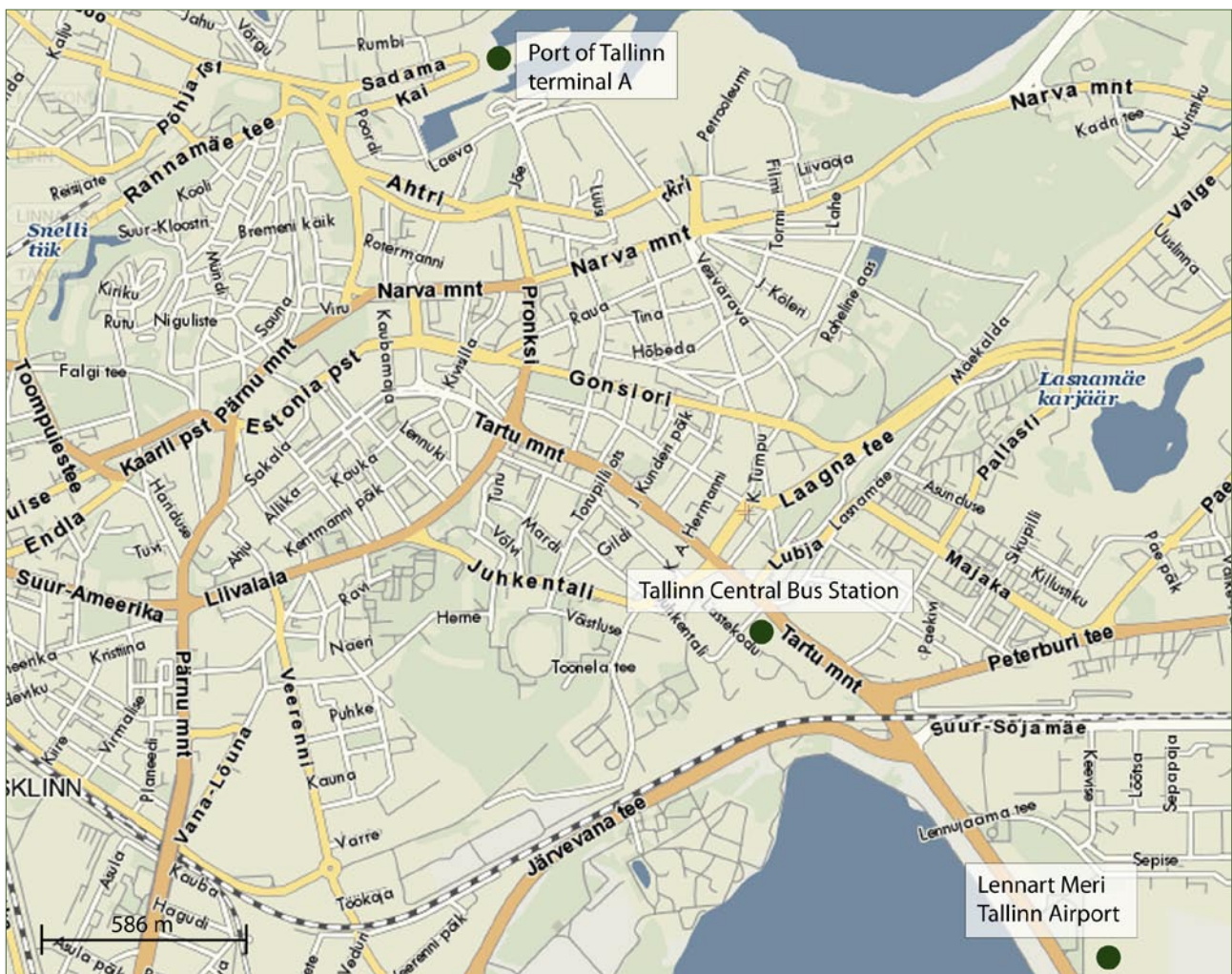
1. Arrive in Tallinn.
2. Take a taxi to Tallinn Bus Station. Costs about 80-100 EEK from the airport.
3. Take express bus from Tallinn to Tartu. Ticket costs 150 EEK, bus ride takes 2 hours and 25 minutes.

- Walk to Dorpat hotel (Soola str 6, Tartu)
- Walk to Pallas hotel (Riia str 4, Tartu)
- Walk 1.2 km or take a taxi to Hansa hotel (Aleksandri str 46, Tartu)

Departure

1. Take express bus from Tartu to Tallinn airport.
- NB! Majority of Tartu-Tallinn buses stop in Tallinn airport. To be sure ask check this out from the bus driver.

For more travel information see www.ut.ee/inpas/estonia

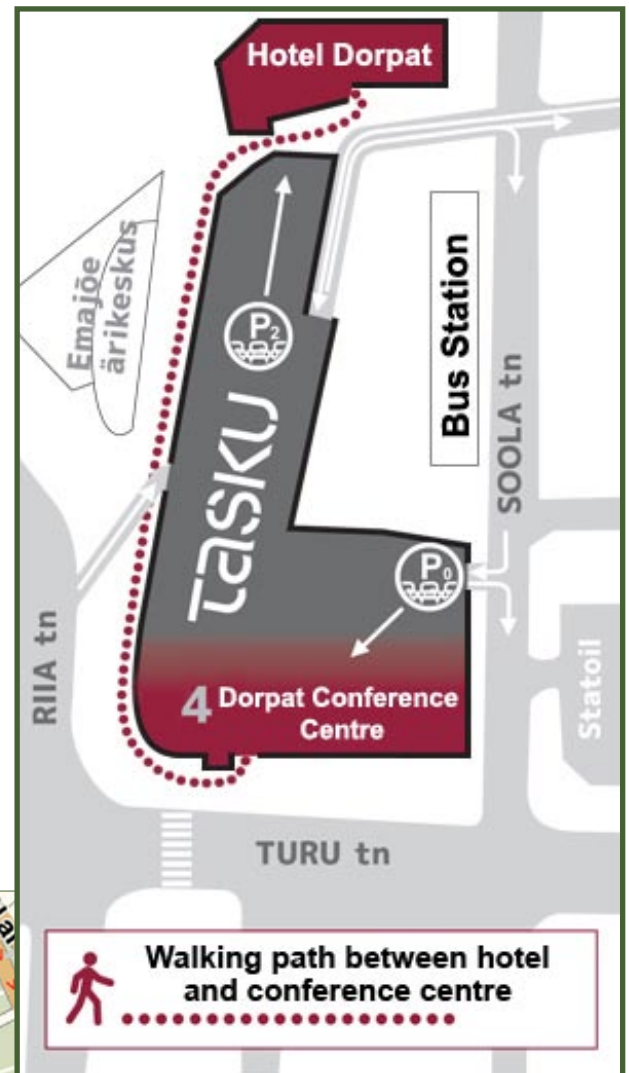


Map of Tallinn

Conference Centre

Dorpat Conference Centre is located at Turu str 2, on the 4th floor. There is a large sign “Dorpat Konverentsikeskus” above the main entrance.

- All talks take place in Struve auditorium (Struve I and Struve II).
- Lunches, poster session buffet and coffee are served in the conference centre hall.
- Closing Dinner (Saturday, 16th of May) is served in Gunpowder Cellar.



Map of Tartu