

Place: Traunkirchen (at the lake Traun):

<https://goo.gl/maps/HWvgpfLBqJaFqA1TA>

(closest airports: Linz, Salzburg).



Venue:

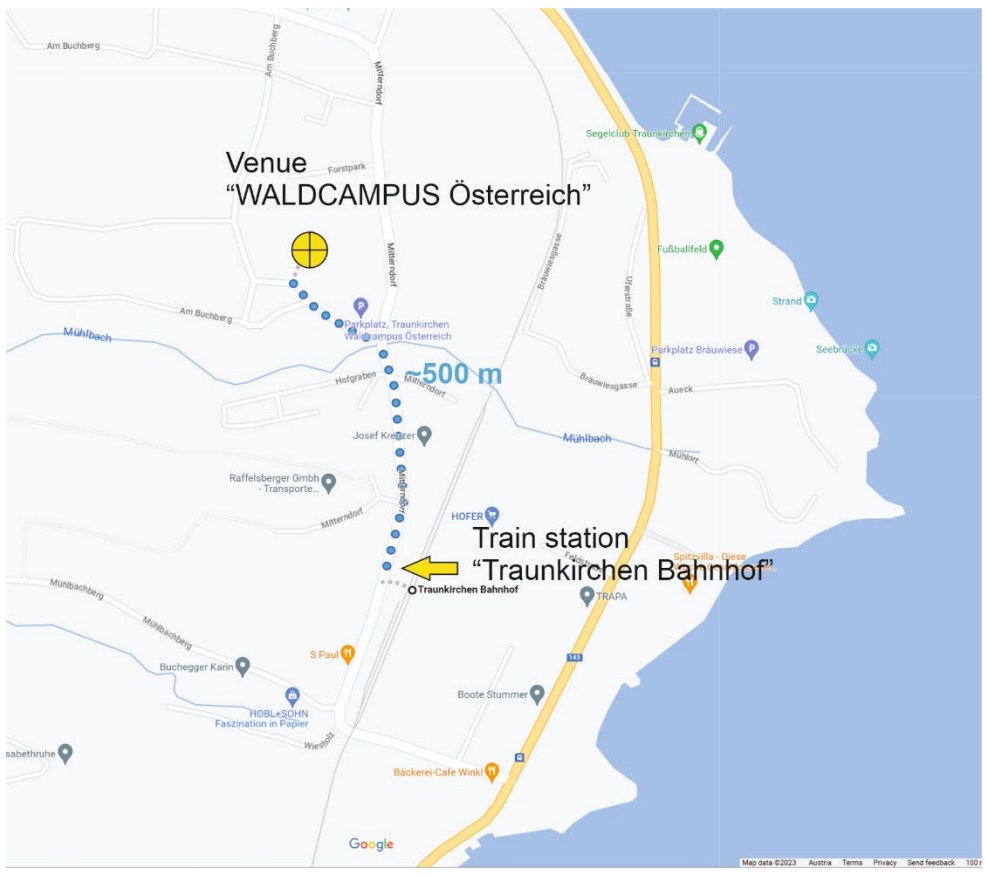
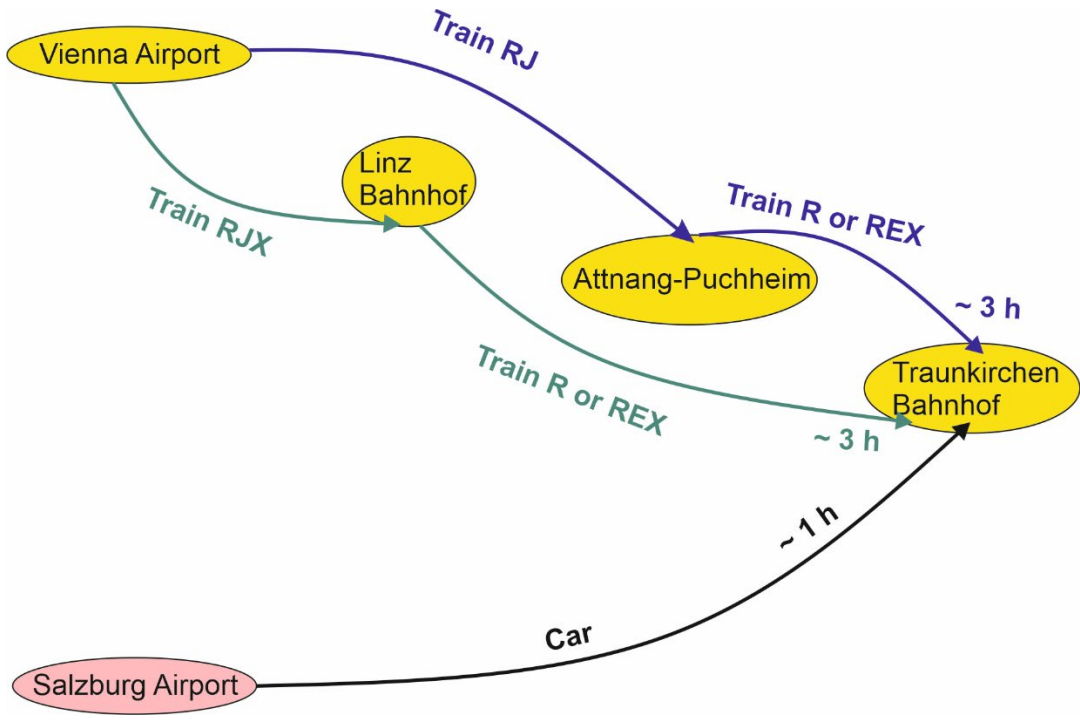
BFW-Forstliche Ausbildungsstätte Traunkirchen

am WALDCAMPUS Österreich

Forstpark 1 (ehemals Am Buchberg 1)

4801 Traunkirchen

Transportation



Traunkirchen Bahnhof \neq Traunkirchen Ort (from the Ort to the Venue is ~ 3 km).

18 July - Tuesday

12:30-13:30	Lunch
14:00-14:10	Peter Pohl: Opening
14:10-14:50	Invited Talk: Sanja Skulj "The role of UCP1 in proton transport: challenges and fatty acid anion sliding as a mechanism"
14:50-15:20	Talk: Denis Knyazev "pH regulation of the bacterial translocon SecYEG"
15:20-15:40	Coffee break
15:40-16:00	Abhinav "Hydration and Dynamics of functionally relevant regions of HpUrel"
16:00-16:20	Iuliana Andrei "Selective Water Pore Recognition and Transport through Self-assembled Alkyl-ureido-Trianglamine Artificial Water Channels"
17:00-18:00	Dinner
18:00-19:00	Invited Lecture: James Gumbart "Transport of a key component of the mycobacterial outer membrane through the proton-coupled transporter Mmpl3"
19:00-22:00	Mixer (Posters with Wine & Bier)

19 July -Wednesday

07:30-08:30	Breakfast
08:45-09:25	PI's Lecture: Stefan Hannus "Turning cancer drugs against ecchinococcosis"
09:25-09:45	Honey Jain "Hydrogen bond networks of POPS-cholesterol membranes and of membrane-embedded Hv1 channels"
09:45-10:05	Seonwoo Lee "Dynamic SH imaging of proton translocation through water needles in lipid membranes"
10:05-10:25	Bhav Kapur "GPR68: A pH-sensing GPCR"
10:25-10:45	Coffee break
10:45-11:05	Paras Wanjari "Self-assembled artificial Proton and Water channels with Photo-responsive transport properties"
11:05-11:45	PI's Lecture: Sylvie Roke "Water imaging of membrane ion translocation"
11:45-12:25	Supervisory Board meeting
12:30-13:30	Lunch
13:30-17:00	Hiking
17:00-18:00	Dinner
18:00-19:00	Invited Lecture: Joachim Heberle "Biomembranes and membrane proteins: IR and X-ray techniques with high spatial and temporal resolution"
19:00-22:00	Advisory Board meeting + Mixer (Posters with Wine & Bier)

20 July - Thursday

07:30-08:30	Breakfast
08:45-09:25	PI's Lecture: Noam Agmon "Collagen peptide: Straight, organized, electrifying"
09:25-09:45	Bingxin Chu "Evolution of the Electrical Double Layer with Electrolyte Concentration Probed by Second Harmonic Scattering"
09:45-10:05	Nathan Epalle "Lactate transporter termini effect lactate/proton cotransport capacity"
10:05-10:25	Giorgia Roticiani "Evaluation of the role of amino acid residues in the transport of arachidonic acid anions mediated by uncoupling protein 1"
10:25-10:45	Coffee break
10:45-11:05	Isabel Králová "Regulation of the membrane channel action studied by fluorescence techniques"
11:05-11:25	External Talk: Pedro Costa "Proton migration along collagen fibers"
11:25-11:45	Satyaranjan Biswal "Collagen-structured Hydration"
11:45-12:05	Anna Maznichenko "Control of interfacial proton migration"
12:30-13:30	Lunch
14:00-18:00	Trip to Bad Ischl
18:00-19:00	Dinner
19:00-20:00	Invited Lecture: Nadav Amdursky "The role of water molecules and other membrane parameters in investigating proton transfer on the surface of biological membranes"
20:00-22:00	Mixer

21 July – Friday

07:30-08:30	Breakfast
08:45-09:45	Invited Lecture: Satoshi Tsunoda "Molecular properties of proton pump rhodopsins and channelrhodopsins"
09:45-10:05	Stefania Brescia "Proton transport in reconstituted Hv1 channels"
10:05-10:25	Iga Jakóbowska "Development of novel antimalarials targeting the plasmodial lactate transporter (PfFNT) through a fluorescence cross-correlation spectroscopy-based approach and functional assay"
10:25-10:45	Coffee break
10:45-11:05	Alejandro León "Exploring In Silico Drug Design: From Generation to Evaluation - Insights from PfFNT"
11:05-12:05	Invited Lecture: Georg Gramse "Nanoscale charge dynamics at the solid electrolyte interface investigated by broadband electrochemical microscopy"
12:05-12:15	Peter Pohl. Closing remarks
12:30-13:30	Lunch