

EBSA Satellite MEETING



Proton and proton coupled transport

Thursday, July 1- Friday, July 2

Soft skill training “Scientific Writing”

Held by Justin Mullins, the co-founder of Write about Science company (London, UK):
Hands-on cases for the work in groups, composing your own abstract, one-on-one feedback from the coach.

Thursday, July 22, 2021

13.00 Arrival and Lunch

14.00 Welcome

14.15 Nanoscopy of 2D materials in liquid

Aleksandra Radenovic, Lausanne, Switzerland

14.45 Protein hydration and dynamics probed by time dependent fluorescence shifts:
dehalogenases, ATPase and urea channel Hp-Urel

Martin Hof, Prague, Czech Republic

15.15 Coffee break

15.45 Facilitation of H⁺ conductance by ANT1

Elena E. Pohl, Vienna, Austria

16.15 Measurement of mitochondrial proton gradients in living cells using fluorescent sensors
Karin Busch, Münster, Germany

16.45 [The role of a patch of acidic residues in DPP-4 in enzyme activity and specificity and ligand binding](#)

[Herbert Nar](#), Biberach, Germany

19.00 Dinner

Friday, July 23, 2021

08.45 Interfacial proton diffusion

Peter Pohl, Linz, Austria

09.15 Graph-based algorithms for protonation-coupled membrane transporters and receptors

Ana-Nicoleta Bondar, Berlin, Germany

09.45 [I am not interested in your results - I am only interested in your controls](#)

Stefan Hannus, Munich, Germany

10.15 Coffee break

10.45 Artificial water channels

Mihai Barboui, Montpellier, France

11.15 How zinc affects structure and function of voltage-gated proton channels

Boris Musset, Nurnberg, Germany

11.45 [A toolbox to study cellular dynamics – a case study on the architecture of nuclear bodies](#)

[Klaus Weisshart](#), Zeiss Jena, Germany

13.00 Lunch

14.00 Poster Flashs

15.00 Coffee break

15.30 **POSTER** session

17.00 → Board Meeting

19.00 Dinner

Saturday, July 24, 2021

08.45 Probing the activity of heme copper oxidases at the single enzyme level

Stephan Block, Berlin, Germany

09.15 The 3-0-6 hydration of the (GPP)_N collagen peptide

Noam Agmon, Jerusalem, Israel

09.45 **TBA**

[Hartmut Lücke](#), Oslo, Norway

10.15 Coffee break

10.45 Molecular level probing and quantification of lipid droplet, liposome and liquid condensate interfaces in aqueous solution, using nonlinear light scattering

Sylvie Roke, Lausanne, Switzerland

11.15 Interplay of hydration, water mobility, and proton transfer in cytochrome C oxidase

Petra Imhof, Erlangen, Germany

11.45 Delivering drugs with carbon nanotubes, not through them

Gerhard Hummer, Göttingen, Germany

12.15 Closing Remarks

12.30 Lunch