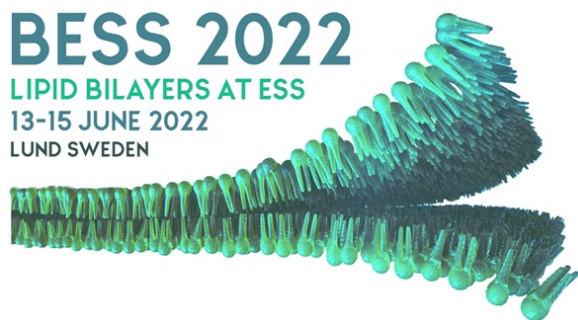


BESS 2022

LIPID BILAYERS AT ESS

13-15 JUNE 2022

LUND SWEDEN



Conference sessions:

Biological membranes and functions
Membrane structure and self-assembly
Membrane Dynamics
Structural analysis and simulations of membranes
Lateral and non-planar membrane structures
Role of membranes in health and disease
Membrane-protein interactions
Applications of membranes

Confirmed invited speakers:

Rumy Dimova, Max Planck Institute of Colloids and Interfaces, Potsdam, Germany:
"Remodeling of model membranes: to bud or not to bud"

Georg Pabst, Universität Graz, Austria
"Asymmetric Membranes - Structure, Dynamics and Interleaflet Coupling"

Michihiro Nagao, NIST, USA
" Hierarchical dynamics of lipid bilayers measured by quasielastic scattering techniques"

Gerhard Gröbner, Umeå University, Sweden
"Unravelling the molecular basis of Bcl-2 proteins functioning at membrane level"

Hanna Barriga, Karolinska Institutet, Sweden – title TBC
Sebastian Himbert, McMaster University, Canada – title TBC
Susan Daniel, Cornell University, USA – title TBC
Samuli Ollila, University of Helsinki, Finland – title TBC

Since 2009, when a first user meeting was held at ISIS, Oxfordshire, UK, scientists working with model membranes by using neutron and X-ray scattering and complementary methods have met to discuss emerging scientific challenges. The last two workshops were held at the ILL, Grenoble, France, in 2011 and 2019 and were called "Bilayers at the ILL - BILL". The aim of the workshop is to bring together researchers working on the physico-chemical characterisation (including structure and dynamics) of lipid bilayers by both experimental and theoretical approaches.

Organising committee:

Marie Skepö, Lund University
Tommy Nylander, Lund University
Hanna Wacklin-Knecht, ESS
Giovanna Fragneto, ILL
Åsa Grunning, Lund University

<https://www.linxs.se/events/2022/6/13/linxs-partner-event-lipid-bilayers-at-ess-bess-in-lund-13-15-june-2022>