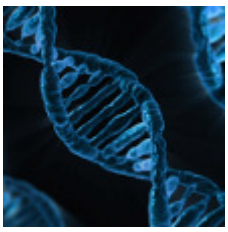
Session Program

4–6 Jun 2018



Dynamics of Biological Macromolecules

Dynamics of Proteins in Crowded and Confined Geometry

Skissernas Museum
Finngatan 2 223 62 Lund Sweden

Tuesday 5 June

14:00

Dynamics of Proteins in Crowded and Confined Geometry: Afternoon Session

Session | **Location:** Skissernas Museum, Finngatan 2 223 62 Lund Sweden

14:00–14:40

KEYNOTE 8 - Interplay of gating and hydrodynamic interactions in crowded protein solutions

Speaker
Prof. Jeffrey Skolnick

14:40–15:20

KEYNOTE 9 - Role of shape anisotropy in interpreting small angle X-ray scattering (SAXS) studies on concentrated protein solutions

Speaker
Prof. Robin Curtis

15:20–15:40

Contributed talk 5 - Rotational and translational diffusion of eye lens gamma crystallin at low and intermediate concentrations

Speaker
George Thurston

15:40

16:10

Dynamics of Proteins in Crowded and Confined Geometry: Late Afternoon Session

Session | **Location:** Skissernas Museum, Finngatan 2 223 62 Lund Sweden

16:10–16:50

KEYNOTE 10 - X-ray Photon Correlation Studies of Diffusion in Concentrated Protein Suspensions

Speaker
Prof. Laurence Lurio

16:50–17:10

Contributed talk 6 - Low radiation dose XPCS for dynamic studies of biological matter

Speaker
Prof. Christian Gutt

17:10

Wednesday 6 June

09:00

Dynamics of Proteins in Crowded and Confined Geometry

Session | **Location:** Skissernas Museum, Finngatan 2 223 62 Lund Sweden

09:00–09:40

KEYNOTE 12 - Hemoglobin diffusion and the dynamics of oxygen capture by the red blood cells

Speaker
Dr Stéphane Longeville

09:40–10:00

Contributed talk 7 - Influence of shape and interaction anisotropy on short-time protein diffusion

Speaker
Jin Suk Myung

10:00–10:20

Contributed talk 8 - Towards crowding in the eye lens: dynamics in aqueous solutions of crystallin proteins

Speaker
Felix Roosen-Runge

10:20