

## **Session Program**

**4-6 Jun 2018**



# **Dynamics of Biological Macromolecules**

## **Antibody Dynamics and Internal Motion in Proteins**

Skissernas Museum  
Finngatan 2 223 62 Lund Sweden

## Monday 4 June

17:05

### **Antibody Dynamics and Internal Motion in Proteins: Late afternoon session**

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

17:05-17:25

#### **Contributed talk 3 - Efficient Prediction of Macromolecular Flexibility and its Applications to Small-Angle Scattering**

**Speaker**

Sergei Grudinin

17:25

## Tuesday 5 June

08:30

### Antibody Dynamics and Internal Motion in Proteins: Morning Session

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

08:30–09:10

#### KEYNOTE 5 - Neutron Spinecho Spectroscopy: Protein internal dynamics, forces and friction

**Speaker**

Dr Ralf Biehl

09:10–09:50

#### KEYNOTE 6 - Combining scattering and coarse-grained molecular models to quantify and predict thermodynamic and dynamic contributions to antibody self-interactions and solution properties

**Speaker**

Prof. Christopher Roberts

09:50–10:10

#### Contributed talk 4 - Short-time self-diffusion of immunoglobulin under different crowding conditions

**Speaker**

Marco Grimaldo

10:10

10:40

### Antibody Dynamics and Internal Motion in Proteins: Late Morning Session

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

10:40–11:20

#### KEYNOTE 7 - Computer simulations of antibody solutions: from structure to dynamics?

**Speaker**

Prof. Emanuela Zaccarelli

11:20