

## **Bioenergetics and Biological Thermodynamics**

The session features talks on two topics. Effects of crowding on biological functions at multiple scales will be addressed as well as the thermodynamics at enzyme ligand interfaces. The interdependence of phenomena in both contexts is currently a field of major interest in the biophysical community. Studies at the atomic, the single molecule or the supramolecular level are welcome to the session as well as the theoretical aspects of the involved energetics. Although strongly related to this session, contributions focusing predominantly on liquid-liquid phase separation and intrinsic disorder are encouraged to be submitted to the session that are specifically dedicated to these topics.

### **Invited speakers**

Daniel Harries, The Hebrew University of Jerusalem  
Dorothee Kern, Brandeis university

### **3-4 short talks selected from abstracts**

### **Session chairs**

Karim Fahmy, Helmholtz-Zentrum Dresden-Rossendorf  
Daumantas Matulis, Vilnius University