

# 2018 Lecture Series

## Recent Advances and Applications in Structural Biology

Thursday – 14:00 – 15:00  
CIBB Meeting Room

Open  
access  
lectures

**September 20 | Gordon LEONARD (ESRF)**  
Synchrotron Radiation and Structural Biology

**September 27 | Laetitia KURZAWA (BIG)**  
Directed cytoskeleton self-organization

**October 4 | Rob RUIGROK (IBS)**  
Measles disease and virus replication

**October 11 | Martin WEIK (IBS)**  
Opportunities for using X-ray free electron lasers in structural biology

**October 18 | Trevor FORSYTH (ILL)**  
Neutrons for the study of biological systems

**October 25 | Guy SCHOEHN (IBS)**  
The resolution revolution in electron microscopy

**November 8 | Chloe ZUBIETA (BIG)**  
Go Deep Go Broad – Combining structural biology with genome scale reconstructions

**November 15 | Nicolas TARBOURIECH (IBS)**  
Poxvirus Replication

**November 22 | Darren Hart (IBS)**  
Directed Evolution Approaches for Protein engineering

**November 29 | Martin BLACKLEDGE (IBS)**  
NMR of highly dynamic and intrinsically disordered proteins: Beyond classical structural biology

**December 6 | Christopher JARONIEK (Ohio State University, USA)**  
Fundamentals of amyloid assembly and structure, and biological solid-state NMR spectroscopy