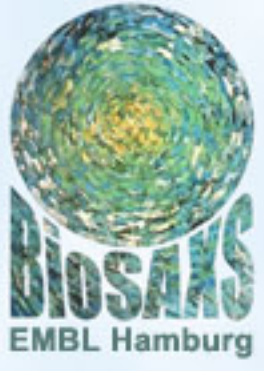




# EMBO PRACTICAL COURSE

October 25 – November 1, 2010

EMBL Hamburg, Germany



Bente Vestergaard, University of Copenhagen, Denmark  
 Lee Makowski, Argonne National Laboratory, USA  
 Jan Skov Pedersen, Aarhus University, Denmark  
 Katharine Brown, Imperial College London, UK  
 Hiro Tsuruta, SLAC, Stanford University, USA  
 Jill Trewella, University of Sydney, Australia  
 Pau Bernadó, IRB Barcelona, Spain  
 Regine Willumeit, GKSS, Germany  
 Gerard Kleywegt, EMBL-EBI, UK  
 Patrice Vachette, IBBMC, France  
 Naoto Yagi, SPring-8, Japan

*Organisers:*  
 Al Kikhney  
 Daniel Franke  
 Peter Konarev  
 Maxim Petoukov  
 Manfred Roessle  
 Dmitri Svergun

**SOLUTION SCATTERING FROM  
 BIOLOGICAL MACROMOLECULES**

The course aims at young biochemists/biophysicists and researchers active in related structural methods with little or no experience in solution scattering. The course will cover basics of **SAXS** and **SANS**, instrumentation, data collection, **modelling techniques** and complementary use with other methods. The students will be encouraged to bring their own samples to perform synchrotron solution scattering experiments on-site and the results will be used for practical tutorials and discussed on the last day of the course. There is **no registration fee**. Accommodation and subsistence are covered for accepted applicants. Scientists from industry will be required to pay a fee of €1000. Limited travel support available.

Registration deadline: **July 31, 2010** → [www.embl-hamburg.de/training/courses\\_conferences/course/2010/SAXS/](http://www.embl-hamburg.de/training/courses_conferences/course/2010/SAXS/)