

# **A2 achievements and Future Perspectives at Petra III**

HASYLAB/DESY, 06-07 July 2012, Bld 25 F, Room 456.

## **Workshop Program**

### **Friday 6<sup>th</sup> July**

09:00 **Sérgio S. Funari** - Introduction

09:30 **Norbert Stribeck** - Launch of the A2 beamline

10:00 **Rainer Gehrke** - Foundations for A2 and initial period

10:30 **Andreas Meyer** - Science and improvements at A2 during the period 1994-2003 and requirements for the new SAXS beamline

11:00 Coffee

11:30 **Patrick Garidel** - Understanding the Organisation of Stratum Corneum: From lipid to Cell Culture Model systems

12:00 **Daniela Uhrikova** - 10 years at A2 beamline: goals and achievements

Lunch

14:00 **Gerald Brezesinski** - New Lipids designed for Gene Transfection

14:30 **David L Jimenez** - 2-hydroxylated fatty acid derivatives decrease the lamellar-to-hexagonal transition temperature in model membranes. A X-ray diffraction study.

15:00 **Eurico Melo** - Good and Bad Lipids

15:30 Coffee

16:00 **Bernhard Brenner** - 2D-X-ray diffraction of skeletal muscle fibers: Our work at beamline A2

16:30 **Anders Arner** - X-ray diffraction studies of muscles from mice and zebrafish at beamlines A2/X13

17:00 Posters

17:30 Discussion

19:00 Barbecue (place to be announced on the day)