

Preliminary program

Tuesday, 11.03.2008

11.00-13.00 – Reception and Registration

12.00 Lunch

13.00 - 13.45 Laser protection (A. Friedrich)

13.45 – 14.15 Pressure- and temperature measurement in LH experiments (L. Bayarjargal)

14.15 – 14.30 Sample preparation and DAC loading for LH experiments (A. Friedrich)

14:30-14:45 Discussion on DAC loading (A. Friedrich, L. Bayarjargal)

14:45-15:00 Coffee Break

15.00 – 15.30 The Frankfurt and PetraIII-laser systems (L. Bayarjargal)

15.30 – 16.00 Lab tour – laser systems (A. Friedrich, L. Bayarjargal)

16:00-17:00 Lab: DAC preparation (A. Friedrich, L. Bayarjargal, E.A. Juarez-Arellano)

17.00 – Open discussion and beer

Wednesday, 12.03.2008

9.00 – 9.45 Laser heating systems (L. Dubrovinsky)

9.45 – 10:30 Chemical processes in laser-heated DACs (L. Dubrovinsky)

10:30-10:45 Coffee break

10:45 – 12:00 Limits and main problems with LH experiments and examples (R. Boehler)

12:00-12:30 Open discussion

12:30-14:00 Lunch break

14.00-17.00 Lab: DAC preparation and sample loading, pressure measurement (3 groups)
(A. Friedrich, L. Bayarjargal, E. Juarez-Arellano, L. Dubrovinsky)

17.00 – Open discussion and beer

Thursday, 13.03.2008

9.00 – 12.00: Lab: CO₂-laser heating experiments (L. Bayarjargal)

3 groups: Group 3: 9.00-9.45, group 2: 10.00-10.45, group 1: 11.00-11.45

9.00 – 11.00 Lab tour – analysis (E. Haussühl)

2 groups: Groups 1 and 2: 9.00-9.45, group 3: 10.00-10.45

10.00 – 12.00 Sample analysis (E.A. Juarez-Arellano, L. Wiehl)

2 groups: Group 1: 10-10.45, groups 2 and 3: 11.00-11.45

10:45-11:00 Coffee break

12:00 Lunch and departure