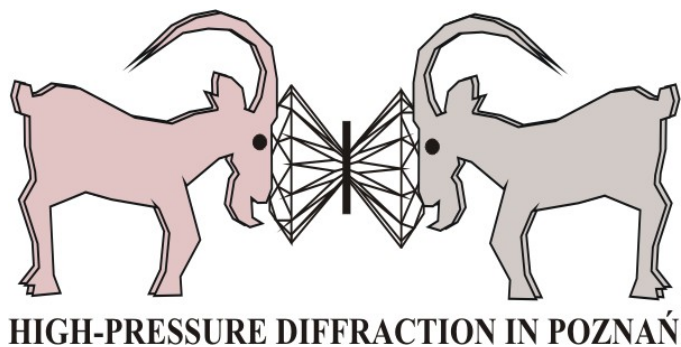


***High-Pressure
Single-Crystal
Diffraction Workshop
13-16 April, 2008
Faculty of Chemistry
Adam Mickiewicz University, Poznań***



13.IV.2008 Arrivals

14.IV.2008

8:30 Registration (Collegium Chemicum, first floor, room 101)

9:00 Opening Ceremony

9:10 Lecture 1: Anna Olejniczak – Diamond-Anvil Cell (DAC) design, preparation and loading

10:40 Coffee break

11:00 Lecture 2: Armand Budzianowski – Single-crystal high-pressure diffractometry in an X-ray lab

12:30 Lunch break

14:30 - 18:30 Laboratory exercises in groups: Lab 1 – Roman Gajda, Lab 2 – Armand Budzianowski

Lab 1: DAC preparation, loading, pressure calibration

Lab 2: X-Ray diffraction experiments with a DAC

15.IV.2008

9:00 Lecture 3: Andrzej Katrusiak – Reduction of DAC high-pressure data

10:30 Coffee break

11:00 Lecture 4: Maciej Bujak – Practical aspects of solving and refining high-pressure structures

12:30 Lunch break

14:30 – 18:30 Laboratory exercises in groups: Lab 1 – Roman Gajda, Lab 2 – Marcin Podsiadło

Lab 1: DAC preparation, loading, pressure calibration

Lab 2: X-Ray diffraction experiments with a DAC

16.IV.2008

9:00 Lecture 5: Ulrich Schwarz – Tailoring electronic properties of materials by high pressure

10:30 Concluding remarks

11:00 Closing ceremony, Departures



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Sponsors: **Oxford Diffraction**, **Bruker Polska**,
Faculty of Chemistry, Adam Mickiewicz University