3rd Frolic Goats Workshop on High-Pressure Diffraction 
25-27 April, 2010
Faculty of Chemistry 
Adam Mickiewicz University, Poznań

Local Organizing Committee 
Andrzej Katrusiak (chairman), Małgorzata Ratajczak-Sitarz, Armand Budzianowski, Maciej Bujak, Marcin Podsiadło, Anna Olejniczak, Hanna Piotrowicz

The Frolic Goats Workshop on High-Pressure Single-Crystal X-Ray Diffraction using laboratory equipment will consist of a series of general lectures and hands-on laboratory exercises. Its primary goal is to disseminate practical skills allowing one to perform high-pressure experiments in an x-ray lab, and to outline possibilities to continue one’s studies at dedicated high-pressure beamlines in synchrotrons, nuclear reactors, and spallation sources. Modern x-ray diffraction equipment installed in most laboratories can be used for high-pressure experiments straightforwardly, or after few minor modifications – these modifications can be as simple as mounting a shorter collimator and re-positioning the beam-stop to provide space for the diamond-anvil cell (DAC). The DAC is a simple and relatively cheap device, so crystal structures in high pressure can be studied in most x-ray labs.

Registration 
Because of the available laboratory space and equipment, the number of participants will have to be limited. The application should be e-mailed to hannap@amu.edu.pl. The candidates will be accepted on the basis of geographical distribution and dates of application. The registration costs will be covered by Organizers and provision will be made for convenient accommodation.

Venue 
The workshop will be held at the Faculty of Chemistry, Collegium Chemicum, Adam Mickiewicz University, ul. Grunwaldzka 6, 60-780 Poznań. The historical building of Collegium Chemicum (PEWUKA, Govermental Palace) is located close to the accommodation, Main Railway Station (1.0 km) and to the Old Market (medieval center of the city, 2.0 km).

Accommodation 
Accommodation of various standards is conveniently located close to the Collegium Chemicum:
- Sheraton Hotel ul. Bukowska 3/9 (200 m from Collegium Chemicum) ca. 170 Euro/600 złotych ([online reservation](#))
- Jowita ul. Zwierzyniecka 7 (200 m from Collegium Chemicum)
  - bed & breakfast ca. 17 Euro/60 złotych
  - apartament ca. 33 Euro/120 złotych
- Frolic Goats Hostel ul. Wrocławska 16/6 – bed & breakfast; ca. 50 Euro/200 złotych ([online reservations](#))

Organizers can assist in booking rooms in Jowita, whereas Sheraton Hotel and Frolic Goats Hostel booking and payments should be arranged by participants themselves.

Travel 
Poznań can be easily reached through its [airport](#), [railways](#), and [roads](#). Consult your travel agent or contact us for advice.

Weather 
In Poznań we enjoy moderate climate, usually warm and sunny in early Spring, although a jacket and umbrella can prove useful.
Programme of the 3rd Frolic Goats Workshop on High-Pressure Diffraction
Venue: Faculty of Chemistry, Adam Mickiewicz University (AMU) Poznań

25.IV.2010
Arrivals

26.IV.2010
8:30 Registration (Collegium Chemicum, first floor, room 24)
9:00 Opening Ceremony
9:10 A. Katrusiak (AMU Poznań) High-pressure crystal chemistry
10:00 M. Bujak (Univ. Opole) Conformational transformations in chloroethanes
11:00 Coffee break
11:30 K. Merz (Ruhr Univ. Bochum) Small changes on the substitution pattern of arenes and pyridine-N-oxides: Their influence on molecular aggregation
12:10 M. Podsiadło (AMU Poznań) Molecular association in pyridazine, pyridine and benzene
13:10 Lunch break
14:30 Laboratory exercises in groups
Lab 1: DAC preparation, loading, pressure calibration
Lab 2: X-Ray diffraction experiments with a DAC

27.IV.2010
9:00 M. Szafrański (AMU Poznań) Pressure effects in dabco relaxors
10:00 M. Andrzejewski (AMU Poznań) DabcoHI and dabcoHBr cocrystals
11:00 Coffee break
11:30 K. Dziubek (AMU Poznań) High-pressure structures of tetrahydrofurane and pyrrolidine
12:20 D. Jęczmiński (UAM Poznań) High-pressure diffraction ether polymorph
12:30 M. Daszkiewicz (Pol. Acad. Sci. Wrocław) Influence of high pressure on the crystal structure of La₃Ag₀.₈₂SnS₇
12:40 M. Jarek (AMU Poznań) PT phase diagrams of guanidinium aleoxysulfonates
13:00 Concluding remarks
14:00 Closing ceremony
Departures.

The frolic goats (Bartłomiej of Gubin, 1551) at high noon on the Poznań Town Hall.

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