



ÚOCHB ^{AV}_{ČR}
IOCB PRAGUE

Ústav organické chemie a biochemie
Akademie věd České republiky, v. v. i.
Institute of Organic Chemistry and Biochemistry
of the Czech Academy of Sciences

PRESS RELEASE

MOLECULAR ROTORS WILL BRING WORLD-CLASS SCIENTISTS TO PRAGUE

Prague, March 23, 2017 – On March 30-31, 2017, a workshop on molecular rotors will take place at the Institute of Organic Chemistry and Biochemistry of the Czech Academy of Sciences (IOCB Prague). A number of prominent scientists will contribute to the meeting with their presentations, including last year's Nobel Prize laureate in Chemistry, Prof. Ben Feringa.

The meeting is organized by Dr. Jiří Kaleta (IOCB Prague), who has been interested in this topic for some time, and Prof. Josef Michl (IOCB Prague and University of Boulder Colorado, USA), a leading expert in the field of molecular machines and motors and author of the so-called “molecular construction set”.

“Arrangement of single molecular engines into 2D films or 3D structures would allow development of new materials with future applications in nanoelectronics. These could be employed as memory units, frequency filters, signal decelerators, etc. It is therefore a hot topic and great attention is paid to related research,” explained Dr. Kaleta.

The workshop program will consist of a wide range of experimental and theoretical talks from the fields of organic chemistry, supramolecular chemistry, physical chemistry, theoretical chemistry and physics.

One of the speakers will be Prof. Ben Feringa, who was awarded Nobel Prize in Chemistry in 2016 for his research on molecular rotors. During his visit to Prague he will also deliver a talk titled “The Art of Building Small” at IOCB Prague for a broad chemistry public. The lecture will take place on March 29, 2017, at 3pm in IOCB Great Lecture Hall.

Program of the workshop can be found at www.iocb.cz/mrw2017.

The workshop is supported by the Institute of Organic Chemistry and Biochemistry of the CAS and Czech-French project 7AMB MOBILITY.

Institute of Organic Chemistry and Biochemistry of the Czech Academy of Sciences (IOCB Prague) is a leading scientific institution in the Czech Republic, recognized internationally. Its primary mission is basic research in the fields of chemical biology and medicinal chemistry, organic and material oriented chemistry, chemistry of natural compounds, biochemistry and molecular biology, physical chemistry, theoretical chemistry, and analytical chemistry. The Institute's emphasis on interaction between chemistry and other sciences leads frequently to medicinal, pharmaceutical and other applications. An integral part of the mission of the Institute is to transfer the scientific results into assets, which help people to live better lives.

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