



M C A R S

Multidisciplinary Centre for Advance Research and Studies
JAMIA MILLIA ISLAMIA

Cordially invites you to attend the **MCARS SEMINAR** on
Hybrid materials based on organic dyes and layered silicates:
Fundamentals and potential applications

By Prof. Juraj Bujdák

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Prof. Juraj Bujdák

Dr. Juraj Bujdak did PhD at the Comenius University in Bratislava, Faculty of Natural Sciences. Later he started working at Slovak Academy of Sciences, Institute of Inorganic Chemistry and had long-term cooperation with University of Innsbruck in Austria on clay minerals and their role in molecular evolution. In 1998, he joined Postdoc research at Cornell university, USA for over one year, and later started long term cooperation with National Institute for Materials Sciences, Tsukuba, Japan. Currently main topics of his research are related to dye/layered silicate systems. Currently he is associate professor at the Department of Physical and Theoretical Chemistry, Faculty of Natural Sciences, Comenius University in Bratislava. He has published over 90 papers and several book chapters, which are cited >1500 times.

The talk will summarize several aspects and most significant phenomena related to dye / layered silicate interactions. Organic dyes adsorbed on the particles of silicates often form supramolecular assemblies called molecular aggregates and can dramatically change their color and optical properties.

February 21, 2017 @ 3:00 pm

Venue: MCARS SEMINAR HALL