



FACULTY OF  
SCIENCE  
Charles University

Department of Physical and Macromolecular chemistry

[www.natur.cuni.cz/chemie/fyzchem](http://www.natur.cuni.cz/chemie/fyzchem)

Department of Physical and Macromolecular Chemistry  
invites you for a seminar

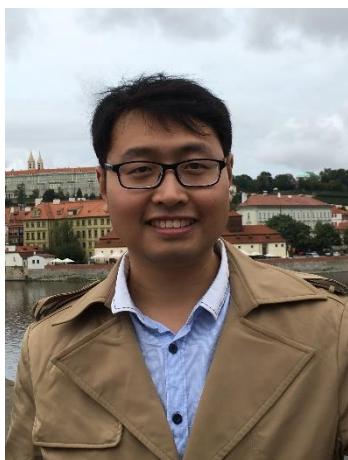
## Hybrid Nanostructures Containing Boron Compounds

Lecture hall CH 3, Faculty of Science, Hlavova 8, Praha 2  
on October 27<sup>th</sup>, 2021 at 14:00

The talk will be accessible also via Zoom: <https://cuni-cz.zoom.us/j/94758328674>

### speaker: Jianwei Li

finishing Ph.D. student under supervision of doc. RNDr. Matějček Pavel, Ph.D.  
Department of Physical and Macromolecular Chemistry, Faculty of Science



Boron cluster compounds (BCCs) are inorganic polyhedral structures. Incorporation of BCCs into polymers is extensively investigated in the field of energy storage, biomedicine and luminochromic materials.

Jianwei's Ph.D. works mainly focus on preparing novel BCC-containing polymeric materials via covalent bonding or noncovalent interactions. The tunable nanostructures can serve as drug cargo in Boron neutron capture therapy or polyelectrolytes in Solid-state batteries.

Organizers: Prof. Tomáš Obšil, Prof. Jiří Čejka, Dr. Jan Přečh

Department of Physical  
and Macromolecular Chemistry  
Faculty of Science, Charles University,  
Albertov 6, Prague 2  
128 44, Czech Republic

Head of Department:  
Prof. RNDr. Tomáš Obšil, Ph.D.  
[obsil@natur.cuni.cz](mailto:obsil@natur.cuni.cz)  
T: +420 221 951 289

IČO: 00216208  
DIČ: CZ00216208