

Dear colleagues, we cordially invite you to
The JUBILEE meeting of PhD students and postdocs
PhD_post.doc club

“Happy Birthday PhD_post.doc!”

Date and place: **5th March 2020, 4:00 – 7:30 PM** in **UHELNA!**

Ask yourself following questions. If you nod your head at least once than you should definitely not miss here!

- Don't know people that you meet often in the university corridors?
- Don't know what is happening at your university?
- Need equipment for an experiment and only later found out that your colleague downstairs has one?
- Need an advice but don't have any idea who to ask?
- Are estranged from Czech students?
- Just want to learn new things and meet new people?

Come to learn new things, discuss, get refreshed and meet people!

The programme of the birthday PhD_Post.doc club will be as follows:

4:00 – 5:30 PM

Chairman: Markéta Nováková

- 1) Martin Pižl** (PhD student from Dept. of Inorganic Chemistry, FCT – Laboratory of Coordination Chemistry (Irena Hoskovcová); Dept. of Biophysical Chemistry, J. Heyrovský Institute of Physical Chemistry, Czech Academy of Sciences – Laboratory of Stanislav Zálaiš)

Vibrational spectroscopy of coordination compounds: An anharmonic approach

What is origin of observed bands? Can we identify the coupling between vibrations? Can we compute precisely energy of bands? How can we include the anharmonic effects in the study of excited states?

- 2) Marek Šoltys** (PhD student from Dept. of Chemical Engineering, FCI – Laboratory of Chemical Robotics (František Štěpánek))

Mesoporous silica micro- and nano-particles in pharmaceutical formulations

Novel excipients to formulate poorly soluble drugs for oral delivery. Why silica? How to load drugs inside it? Does it actually work?

- 3) Invited speaker: Kamila Zdeňková** (Assistant professor in the Laboratory of Food Microbiology, research specialist in GMO)

Are you afraid of genes? Facts about Genetically Modified Organisms (GMOs)

The presentation will be focus on the definition of GMO; examples of GM microorganisms, plants and animals; growing GMOs in the world; approved applications in the EU; labeling of GMOs (EU, world); GMO FREE label.

5:30 PM – 7:30 PM Free refreshment and time for a meet-and-greet! ☺

**Especially for ensuring of sufficient quantity of refreshment
the registration is highly recommended.**