

Ph.D. Student Evaluation – Katerina Oleksandrivna Filatova

Ms. Katerina Oleksandrivna Filatova started her PhD study at the Faculty of Technology, Tomas Bata University in Zlín in September 2016. Since then, she has done significant progress in the area of development and characterization of polymer nanocomposite systems, especially silica based nanoparticulate systems for medical applications. The results related to her PhD studies were published in 2 reputed scientific journals. Moreover, she co-authored 6 additional manuscripts in the field of polymer composite systems. Katerina O. Filatova has proven her presentation skills by 5 conference contributions. Her professional competences were improved through mobility stays at the Enamine LTD, Institute of Physical Chemistry, NAS of Ukraine (total 6 month).

Beside her regular duties connected with the PhD study, Katerina O. Filatova has actively participated in research projects founded by the Internal Grant agency of the Tomas Bata University in Zlín.

The thesis submitted by Katerina O. Filatova fulfils all standards given by internal regulations of the Tomas Bata University in Zlín.

Katerina O. Filatova has become an independent researcher with a good potential for further work in R&D. I have to mention that the study period of Katerina O. Filatova has been noticeably impacted by the COVID-19 pandemic and military conflict in her home country. In spite of these negative circumstances, she has been persisting in finishing of her PhD studies in the Czech Republic. I personally consider it as very respectable.

On the basis of the abovementioned aspects, I fully recommend Ms. Katerina Oleksandrivna Filatova for the award of the PhD degree.

In Zlín, January 31, 2024

prof. Ing. Vladimír Sedlařík, Ph.D.
Supervisor