

Supervisor review of dissertation thesis

Student: Nadiia Velychkivska

Supervisor: Mgr.Larisa Starovoytova PhD.

Title: Investigation of external stimuli-influenced temperature- sensitive polymers behavior studied by spectroscopic methods

Evaluation of the student during his study: Student have started her work on a project under my supervision in the framework of UNESCO/IUPAC Course in Polymer Science 2013/2014, organized by the Institute of Macromolecular Chemistry, Academy of Sciences of the Czech Republic. Since 2014 she has become a student at the Faculty of Natural Sciences, Charles University. In year 2016 she passed successfully the doctoral state exam.

She also successfully passed through two internships in International Center for Materials Nanoarchitectonics in National Institute for Materials Science, Japan

During her doctoral study Nadiia represented herself as a hardworking student with a very good energy on learning new skills. Her work was published in international conference and journals indexed in Web of Sciences.

Evaluation of the doctoral thesis: Text of the doctoral thesis is written like a standard scientific report having introduction, experimental, methods and results parts. The submitted thesis is well written and it fulfill all demands given to doctoral thesis in natural sciences. The work is based on papers with significant quality. For the analysis, the student used a wide range of spectroscopic methods. All the methods that the student used for the analysis were measured and processed by herself with the necessary help at the initial stage of measurements.

Final evaluation: I can conclude that the level of thesis is sufficient and that the main goals of the thesis were fulfilled. Therefore, I recommend it for defense.

V Praze 24/09/2020

Mgr. Starovoytova L. PhD.