

To Whom It May Concern

Mr. Vladimir Babayan was born on 06.09.1985 in Soviet Union. He graduated from State Engineering University of Armenia in 2008. Basically, he is a mechanical engineer.

Ing. Vladimir Babayan has joined Ph.D. study programme “Technology of Macromolecular Substances” in December 2009 as a full-time student at the Faculty of Technology in Tomas Bata University in Zlin.

In 2010, he received the part-time position as a researcher at the University Institute. During the time of study he participated in following projects: Centrum polymerních systémů – CZ.1.05/2.1.00/03.0111, IGA/25/10/D, IGA/7/FT/11/D, IGA/FT/2012/033, Česko-slovenský bilaterální projekt – MOBILITY 7AMB12SK113.

He had fulfilled all the duties connected with the Ph.D. study programme and in 2012 he passed the state exam entitled “Engineering of Polymer Magnetic Composites with Controlled Electromagnetic Properties”.

His dissertation devoted to the development of polymer magnetic composites with a view to design radio absorbing materials which is actually a multidisciplinary subject. The emphasis has been given for the preparation and characterization of magnetic materials with core-shell like structure which make possible to control electromagnetic properties of materials in radiofrequency band.

The aims of dissertation are accomplished here: three papers are already published, and one is submitted into international journals with high impact factors. Moreover, he presented the interesting results in various international conferences namely, Joint European Magnetic Symposia in Poland (2010), European Congress and Exhibition on Advanced Materials and Processes in France (2011), PLASTKO 2010 and PLASTKO 2012 in Zlin and so on.


During the period December 2009 – December 2012, Vladimir worked hard and sincerely. He had shown big interest to understand the subject and become mastered in methodology, characterization of electrical and magnetic properties of materials, as well as utilize the modern methods for processing and analysis of experimental results.

Well, the thesis submitted by Vladimir Babayan is written in accordance with the requirements of the PhD thesis preparation instructions provided by Tomas Bata University in Zlin, Czech Republic.

As a whole, I can say that Ing. Vladimir Babayan is able to execute the research at high level and work independently in the field of Solid State Physics. Thus, I recommend the Thesis of Vladimir Babayan entitled “Engineering of Polymer Magnetic Composites with Controlled Electromagnetic Properties” for the award of PhD degree by Tomas Bata University in Zlin, Czech Republic.

Associated Professor Natalia Kazantseva

Supervisor


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