

UNIWERSYTET JANA DŁUGOSZA W CZĘSTOCHOWIE

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Katedra Fizyki Teoretycznej, Instytut Chemii

Czestochowa, 01 June 2023

CERTIFICATE № 03-2023

of the completing scientific and didactic internship by

Associate Professor Marian Sabov

Inorganic Chemistry Department
Uzhhorod National University, Uzhhorod , Ukraine

This certifies that Associate Professor Marian Sabov has successfully completed the 180 hours (6 ECTS credits) scientific and didactic internship (six weeks from 22 April 2023 to 31 May 2023) at Department of Theoretical Physics and Institute of Chemistry, Faculty of Science and Technology, Jan Dlugosz University in Czestochowa, Silesia, Poland.

The topic of the scientific internship:

"Technology of the single crystal growth thermoelectric and optical properties of the new functional materials based on hexaselendyphosphates"

Associate Professor Marian Sabov fulfilled the internship requirements both in the didactic part since he participated in the lectures (on-line) and in the scientific part - one manuscript has been prepared and is ready to send to the journal with a high impact factor. Therefore, the envisaged outcome of the scientific internship as well as development of professional competencies has been fully accomplished

Due to war time at Ukraine, to accomplish all research objectives, scientific internship were performed on an online cooperative basis (distance form).

During the research internship, Associate Professor Marian Sabov, together with the scientists from the Department of Theoretical Physics, Faculty of Science and Technology, Jan Dlugosz University in Czestochowa improved skill regarding investigations influence of the crystal structure of ternary and quaternary compounds, as the modern method of predicting their thermoelectric and optical properties.

DZIEKAN
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i Technicznych
Urtwersytetu Jana Długosza w Częstochowie
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