

Hochschule Anhalt, Bernburger Str. 55, 06366 Köthen

To:

NTUU "Igor Sikorsky Kyiv Polytechnic Institute"

Head of the Future Internet Lab Anhalt

Director of the Doctoral School for Engineering
and Information Technologies

Bernburger Straße 57
06366 Köthen

Telefon: +49 3496 67-23 27

Telefax: +49 3496 67-23 99

Mobil: +49 176 10 30 12 78

E-Mail: eduard.siemens@hs-anhalt.de

1. Dec. 2022

Support Letter for Educational Programs

With this letter, Anhalt University wishes to confirm that the Bachelor's educational program, the Master's educational and scientific program "*Mathematical methods of modeling, pattern recognition and computer vision*", as well as the PhD program "*Applied mathematics*" in the specialty *113 Applied mathematics* are relevant and advanced for training highly qualified specialists in the field of data analysis, machine learning and computer vision.

The Bachelor's educational program provides students with a sufficient fundamental basis for further studies in the Master's degree in modern specialties. The Master's program is complementary with Master program "*Data Science*" at Anhalt University of Applied Science. That is why we have established a Double Degree program for Master students.

The best courses of educational programs of the Department of Mathematical Modeling and Data Analysis, in particular "*Data Processing Cloud Technologies*" by Prof. Andrii Shelestov, as well as course on Deep Learning from Heterogeneous Data, have been included into the German-Ukrainian educational project DAAD DigiJED "*Digital Education with Joint Efforts*", where students of several universities study and are taught by professors from the Educational and Research Institute of Physics and Technology, NTUU Igor Sikorsky Kyiv Polytechnic Institute".

Students and graduates of the educational program are already actively working on joint scientific and innovative projects within the Ukrainian-German center of key competencies "*DE/UA Center of Excellence (CoE) for AI-aided Big Data Analysis and Transport Infrastructures*" (AIDA&TI). In particular, these are OCRE projects on the use of modern European cloud resources for the analysis of satellite data on the CREODIAS platform, and the World Cereals European project on the validation of European agricultural monitoring products based on satellite data. We expect that graduates of educational programs of all levels will continue to participate in the research of the AIDA&TI center, which was cre-

ated by four organizations, namely two from Germany - Anhalt University of Applied Sciences and the University of Konstanz, and two from Ukraine - National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute" and Space Research Institute of NASU and SSAU.

So, Anhalt University of Applied Sciences fully supports the educational programs of all three levels (Bachelor, Master and PhD) and looking forward on strengthening cooperation with department of Mathematical Modeling and Data Analysis of National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute".

With best regards,



Eduard Siemens
Coordinator of international affairs of faculty EMW