CERTIFICATE

This is to certify that

Denis Roenko, Maksim Zykin, Maksim Fedosenko, Vladislav Perfilev and Alexander Menshchikov

has/have participated with the paper entitled

Comparison of Fraudulent Transaction Detection Methods for Big Data Systems

At the Anniversary XIII Majorov International Conference on Software Engineering and Computer Systems

on December 1st – 3rd, 2021 at ITMO University in Saint-Petersburg, Russia.

The paper based on the results of the presentation was accepted for publication in the conference proceedings.

General Chair

Pavel Kustarev

Head of Faculty of Software Engineering and Computer Systems ITMO University