



От _____ № 67

На № _____ от _____

Ethical approval

1.	Full name of PhD student	Abylkassymova Aizhan
2.	Specialty of PhD Program	6D060200-Computer science
3.	Time period of study at PhD Program	2016-2019
4.	Theme of the thesis, date of approval	Potential of hybrid OPENMP/MPI parallelization strategies for HPC software, №4-3132 from 21.10.2016
5.	Information about scientific supervisor (-s) (Name, title, degree, work position and citizenship)	1) Associate Professor, candidate of physico-mathematical Sciences, Mansurova Madina al-Farabi Kazakh National University 2) Dr.-Ing. Matthias Meinke JARA – HPC - RWTH Aachen University (Germany)
6.	Objects of study	information support systems for the development and research of modern automatic control systems, methods and algorithms for solving various problems, high-performance computing, as well as algorithms for planning actions to organize a computational process for the numerical solution of physical processes.
7.	Planning, sampling and conducting of study (filled by LEC representative)	Not identified
8.	Dissemination of results or practical implementation (filled by LEC representative)	Not identified
9.	Protection of rights, safety and welfare of research objects	No risk for alive subjects and environment
10	Code of approval	IRB-A379
11	Date of study approval	03.03.2022

Chair of LEC

Secretary of LEC

Ussatayeva G.

Shaukharova M.