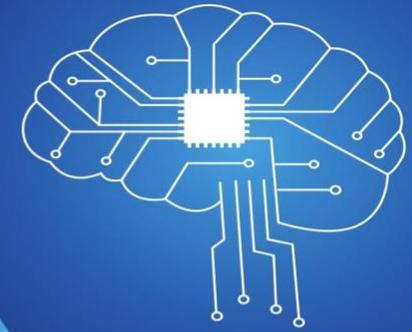




# LETTER OF COMMENDATION

## Presented to



Madina Mansurova, Assel Ospan, Yerkin Kakimzhanov, Boris Resnik,  
Daniyar Tyulyubayev

**Development of ANN Application for Monitoring and Analyzing the Dynamics of the  
Tuyuk Su Mountain Glacier**

In recognition of outstanding presentation on  
2022 International Conference on Smart Information  
Systems and Technologies

Date: 28-30 April 2022



Organizing committee  
**Andrii Biloshchytskyi**



**Astana IT University, Kazakhstan**