



CERTIFICATE

this is to certify that

A A Vladimirov, A V Makarov and E M Martynov

participated in the International Scientific Conference "Applied Physics, Information and Engineering Technologies - APITECH-2019" in September 25-27, 2019 in Krasnoyarsk, Russia.

The research paper **«Using vibration cutting for finish turning hard materials»** has been reviewed by the Editorial Board, accepted to the Conference Proceedings and sent to Journal of Physics: Conference Series (JPCS) – Q3 for further publishing.

Igor Kovalev Scientific supervisor of «APITECH-2019» Doctor of Technical Sciences, Professor



