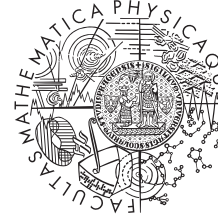


FYKOS
(Internet Physics Competition)
under the aegis of



CHARLES UNIVERSITY
Faculty of mathematics
and physics

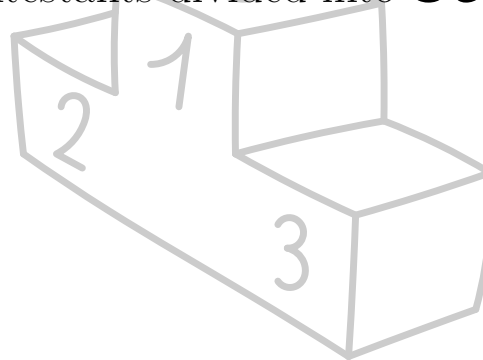
CERTIFICATE

that in the 9th year of the international competition in physics

Online Physics Brawl

held on 27th November 2019 on the internet page physicsbrawl.org

participated **1779** contestants divided into **390** teams from **39** countries



Matěj Mezera
head of committee
head of the competition

Daniela Pittnerová
head organizer of FYKOS

Physics Brawl Online is a competition arranged by The Faculty of Mathematics and Physics of Charles University in Prague. It is funded by Public Relations Office of the faculty. It is also under patronage of the Ministry of Education, Youth and Sports of the Czech Republic. It is prepared by the organisers of FYKOS (Internet Physics Competition) and supported by The Institute of Theoretical Physics, Institute of Particle and Nuclear Physics and Department of Physics Education and Department of Applied Mathematics which lent their hardware. The competition software was borrowed and modified from Interlos competition software.