



## Report on defence of dissertation thesis

Academic year: 2021/2022

**Student's name and surname:** RNDr. Pavel Jiroušek  
**Student's ID:** 47897694

**Type of the study programme:** doctoral  
**Study programme:** Theoretical Physics, Astronomy and Astrophysics  
**Branch of study:** Theoretical Physics, Astronomy and Astrophysics  
**Study ID:** 525460

**Title of the thesis:** Modified Gravity and Cosmic Acceleration: Now and in the Early Universe

**Thesis department:** Fyzikální ústav AV ČR, v.v.i. (32-FZUAV)

**Language of the thesis:** English

**Language of defence:** čeština

**Supervisor:** Alexander Vikman

**Reviewer(s):** Shinji Mukohyama

Ignacy Sawicki

**Date of defence:** 22.02.2022      **Venue of defence:** Praha

**Attempt:** regular

**Course of defence:** The candidate P. Jiroušek was introduced to the defense committee, opponents and guests and following that, he presented an overview of his thesis. The committee was then acquainted with the opponents' reports. In the ensuing discussion, P. Jiroušek answered all the questions raised by the opponents and by the committee members, to their satisfaction.

The defense committee has agreed that this is high-quality work at the highest level and unanimously voted for the award of the doctoral degree to P. Jiroušek.

**Result of defence:** pass (P)

**Chair of the board:** Constantinos Skordis .....

**Committee members:** prof. RNDr. Pavel Krtouš, Ph.D. ....

Mgr. Vojtěch Pravda, Ph.D. ....

Joris Raeymaekers .....

doc. RNDr. Oldřich Semerák, DSc. ....