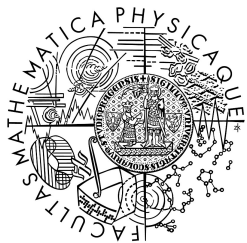


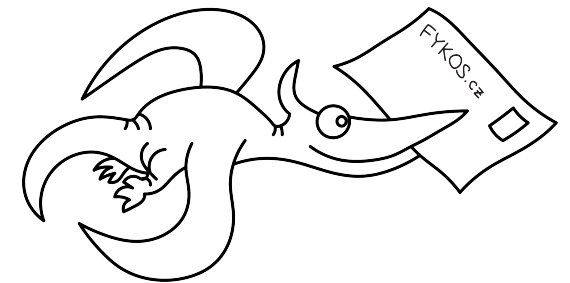
# Activities of FYKOS

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FACULTY  
OF MATHEMATICS  
AND PHYSICS  
Charles University

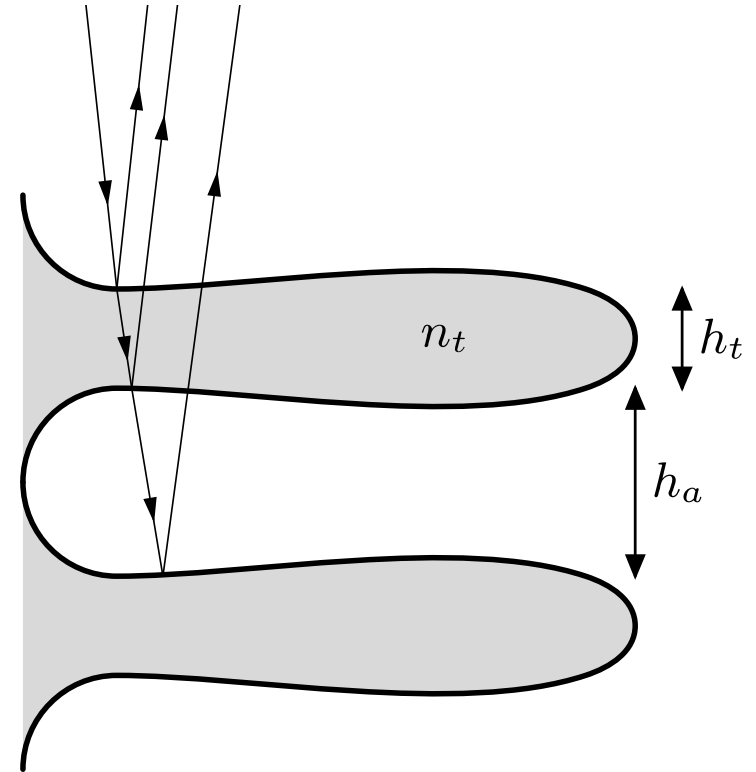


# Activities of FYKOS

- **The Internet Physics Competition** - key activity
- **Physics Camps** - for the best participants of FYKOS
  - twice a year - March/April and September
- **Fyziklání** - team competition in Prague
- **Physics Náboj** - team competition organised in cooperation with slovak FKS
  - next year in November 2020
- **Online Physics Brawl** - online team competition open to everyone
  - next year 25. 11. 2020
- **Day of Experimental Physics** - visits to laboratories of the Charles University and research centers in Prague and its surroundings
- **Week of applied physics (TSAF)** - visits to international science and technology institutes (CERN, ESRF...)

# The Internet Physics Competition

- 6 series per year
- 8 problems in every series:
  - 2 simple
  - 3 „normal“
  - „problematic“
  - Experimental
  - Serial problem
- Text of the serial
  - This year „Tips and tricks in physics“

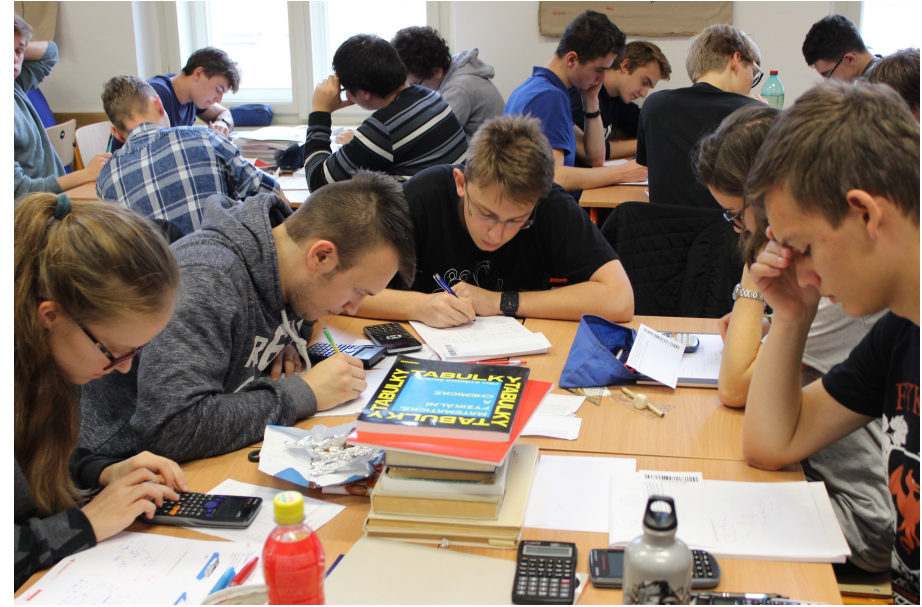


# Physics Camps



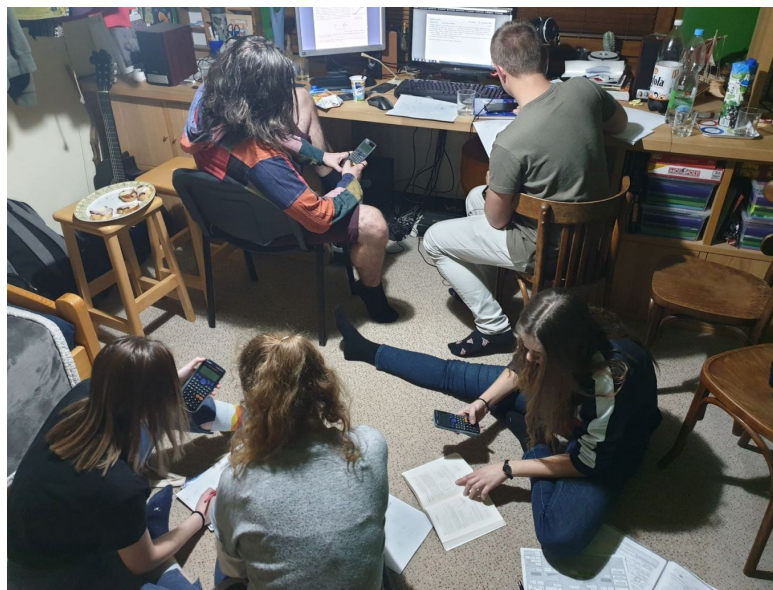


# Physics Náboj

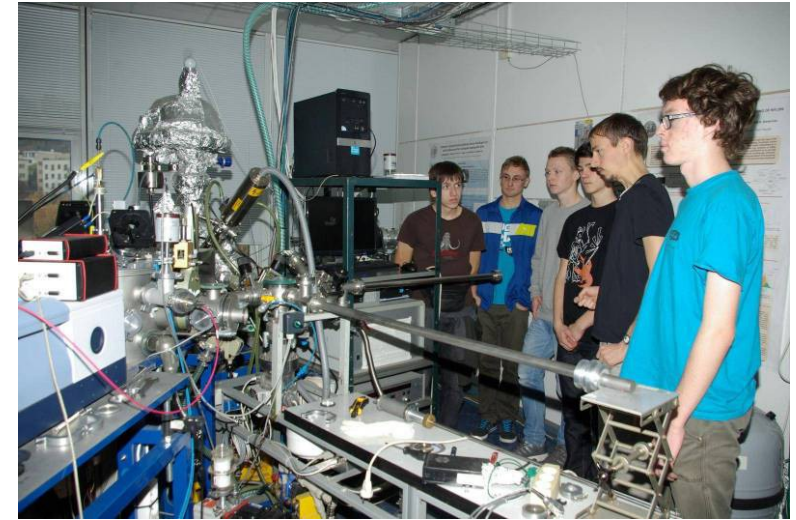


39 countries  
Open category

# Online Physics Brawl

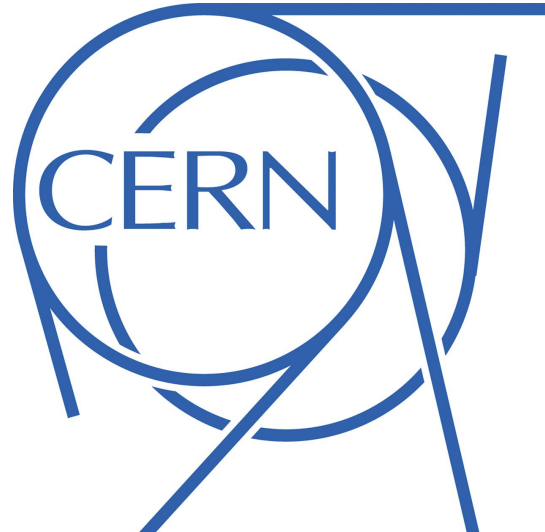
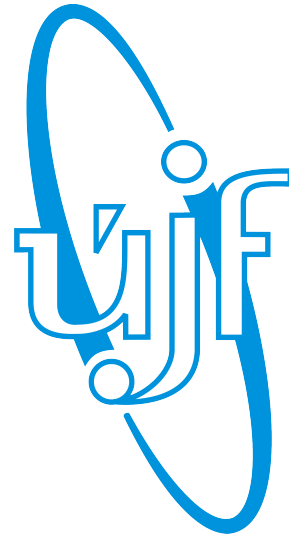


# Day of Experimental Physics





# Week of Applied Physics



# Why participate in FYKOS?

- Improvement (not only) in physics
- Participation in camps
- New friends
- Prizes (books, board games, ...)
- Certificate of successful participation = waiver for entrance examination

# Other competitions

- Mathematics Náboj - team competition, 10 countries  
- 13<sup>th</sup> March 2020, registration is open
- KSP – computer science
- PraSe - mathematics
- M&M - interdisciplinary
- Výfuk - physics for elementary schools (up to year 5)



# Thank you for your attention

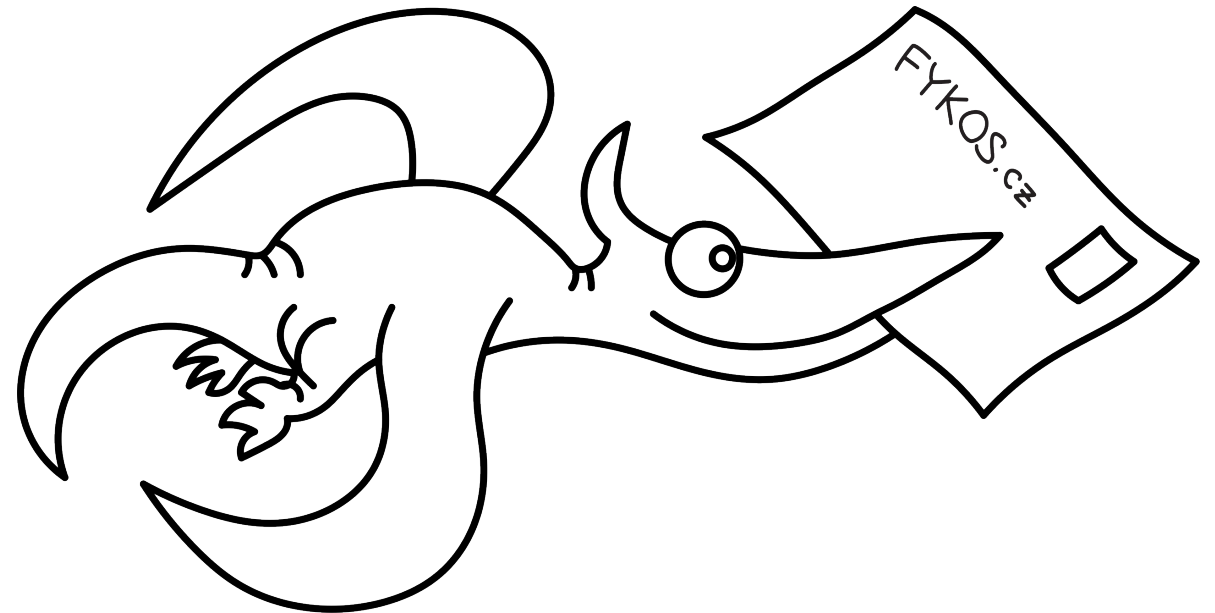
In case of any questions contact us

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[fykos.org](http://fykos.org)



Fyziklani 2020, 14. 02. 2020