

# Samuel Jankov ch

 arskeho 2, 84104, Bratislava, Slovakia  
☎ [+421950442667](tel:+421950442667) ✉ [samueljankovych@gmail.com](mailto:samueljankovych@gmail.com)

## EDUCATION

8-year Gymnasium Tilgnerova

2012 – 2020  
*Bratislava, Slovakia*

Charles University, Faculty of Mathematics and Physics

2020 –  
*Prague, Czech Republic*

## COURSEWORK / SKILLS

- Physics Fundamentals
- Machine Learning
- Deep Neural Networks

## PROJECTS

Measurement and simulation of a temperature field [↗](#) | School Project

2019

- Heat Equation
- Thermal Imaging
- Thermal Conductivity
- <https://arxiv.org/abs/1909.01460>

Fake  $\tau$  background in  $\tau^*$  search [↗](#) | Summer School Project

2021

- Fake Factor Method
- $\tau$  classification
- ATLAS Collaboration
- [https://drive.google.com/file/d/1k7So9AuAj62re\\_s0pZRw0U2cgkDUlR0y/view?usp=sharing](https://drive.google.com/file/d/1k7So9AuAj62re_s0pZRw0U2cgkDUlR0y/view?usp=sharing)

## PROFESSIONAL INTERESTS

- Particle Physics
- CERN research
- Standard Model of particle physics and beyond
- Application of modern Deep Neural Networks in particle research

## TECHNICAL SKILLS

**Languages:** Python, C, C++  
**Frameworks:** ROOT, Tensorflow, Scikit-learn  
**Technologies:** MacOS, Linux, Git, VS Code

## SPOKEN LANGUAGES

**English:** C1  
**German:** B1  
**Slovak:** native