

Welcome at IWHSS 2023 in Prague

Jan Matoušek

Faculty of Mathematics and Physics

Charles University

Kamil Augsten

Faculty of Nuclear Sciences and Physical Engineering,

Czech Technical University

International Workshop on Hadron Structure and Spectroscopy 2023,
26. – 28. 6. 2023, Prague, Czechia



**FACULTY OF
NUCLEAR SCIENCES
AND PHYSICAL
ENGINEERING
CTU IN PRAGUE**



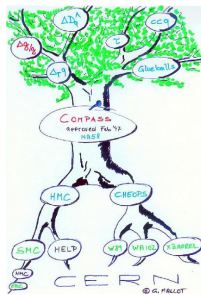
CHARLES UNIVERSITY
Faculty of mathematics
and physics





- A series of 19 workshops so far,
- held annually by institutes of the COMPASS Collaboration.
- Scientific programme:
 - Spin and 3D structure of the nucleon
 - TMDs, GPDs and GTMDs,
 - Fragmentation functions,
 - Fixed target and collider experiments,
 - Meson structure and spectroscopy,
 - Search for exotic states,
 - Future measurements and experimental proposals
- IWHSS 2022 at CERN:
 - 25 years since COMPASS approval,
 - 20 years since the first data taking.
 - The last data taking,
 - COMPASS is now in analysis phase with many exciting results to come.

- A series of 19 workshops so far,
- held annually by institutes of the COMPASS Collaboration.
- Scientific programme:
 - Spin and 3D structure of the nucleon
 - TMDs, GPDs and GTMDs,
 - Fragmentation functions,
 - Fixed target and collider experiments,
 - Meson structure and spectroscopy,
 - Search for exotic states,
 - Future measurements and experimental proposals
- IWHSS 2022 at CERN:
 - 25 years since COMPASS approval,
 - 20 years since the first data taking.
 - The last data taking,
 - COMPASS is now in analysis phase with many exciting results to come.





DALL-E: a cubist painting of the Prague astronomical clock.

- 2023: organized by the Czech group at COMPASS in Prague.
- Local organizing committee: Kamil Augsten, Vendula Benešová, Vladimír Jarý, Tomáš Klásek, Jan Matoušek, Josef Nový, Michael Pešek, Markéta Pešková, Martin Zemko.



DALL-E: Particle physics experiment and Prague, painting.



DALL-E: a cubist painting of the Prague astronomical clock.



DALL-E: Particle physics experiment in Prague Metro, painting.

- 2023: organized by the Czech group at COMPASS in Prague.
- Local organizing committee: Kamil Augsten, Vendula Benešová, Vladimír Jarý, Tomáš Klásek, Jan Matoušek, Josef Nový, Michael Pešek, Markéta Pešková, Martin Zemko.



- Established in 1707 as a highschool-level institute, a university from 1806 (Prague Polytechnique).
- One of the largest universities in Czechia,
- about 19 000 students.
- Educates engineers, scientists and managers.
- Notable alumni: Christian Doppler, Václav Havel...
- 8 faculties: Civil Engineering, Mechanical Engineering, Electrical Engineering, Architecture, Transportation Sciences, Biomedical Engineering, Information Technology, and **Nuclear Science and Physical Engineering**
 - Fission and fusion reactors,
 - Involved in CERN, BNL, ITER, ESA...



Autonomous electroformula car by CTU students.



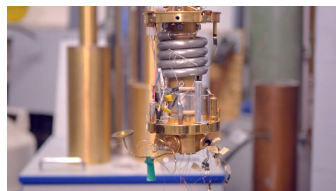
Small fission reactor used for education.



- Founded in 1348 by Charles IV, who also built the stone bridge and rebuilt and extended the city.
- 1882–1945 divided into Czech and German universities.
- The largest university in Czechia,
- about 50 000 students.
- Notable students and teachers: Bernard Bolzano, Jan Hus, Albert Einstein, Franz Kafka...
- 17 faculties including theology, law, medicine, arts, education, social sciences... and **Faculty of Mathematics and Physics**
 - Mathematics, Physics and Computer science.
 - One of the best research institutions in Czechia (25% of research output of the university).



Charles IV brings the founding document of the university to St. Wenceslas.



Device to study quantum turbulence in superfluid ^4He .



Wi-Fi

- Eduroam: your institute should provide instructions how to connect.
- Guest network: instructions in the lecture hall.
- [\[IWHSS 2023 / How to...\]](#)

Uploading slides

- We prefer if you can upload them yourself to Indico, but you can also send them to us.
- To upload, log in to Indico
(in case you registered with a different email, add it to your Indico account).
- Go to My Contributions, Edit materials.
- [\[IWHSS 2023 / How to...\]](#)

Videoconference

- Zoom link is available for registered participants logged in to Indico.
- [\[IWHSS 2023 / Videoconference\]](#)

Restaurants recommended for lunch



- 1 IWHSS 2023 location,
- 2 Restaurace Mincovna (Czech),
- 3 U Tarabíka (pub),
- 4 Katr restaurant (Czech),
- 5 Pizzeria Castello,
- 6 La Casa Blu (Latin America),
- 7 Kozlovna Apropos (Czech),
- 8 Maitrea restaurace (vegetarian, vegan),
- 9 Sushi Viet (Japan, Vietnamese),
- 10 Forky's Old Town (plant-based),
- 11 Pizzeria Donna
- 12 TURQUOISE (Mediterranean)
- 13 Five Rivers Indian Kitchen and Bar,
- 14 Bageterie Boulevard.

[IWHSS 2023 / Lunch]

Dinner today



- **Letenský zámček, 19:00.**
- On foot from here:
 - We will walk, you can join us.
 - Nice walk with views, 1.4 km,
 - part is a bit steep.
 - [\[map\]](#)
- By tram from here:
 - 17 Právnická fakulta → Strossmayerovo náměstí.
 - 1 or 25 Strossmayerovo náměstí → Letenské náměstí.
 - Walk 10 minutes, no elevation.
 - [\[map\]](#)





We hope you will enjoy the workshop!