

IPNP seminar (spring 2023)

Report of Contributions

Contribution ID: 1

Type: **not specified**

On the production form factors of mesons in the functional formalism of Dyson-Schwinger equations

Wednesday 22 February 2023 16:00 (1 hour)

The seminar takes place in meeting room A945.

Presenter: SAULI, Vladimir (Nuclear Institute Rez near Prague)

Contribution ID: 2

Type: **not specified**

The road to Higgs boson

Wednesday 8 March 2023 16:00 (1 hour)

The seminar takes place in meeting room A945.

Presenter: CHYLA, Jiri (Czech Academy of Sciences (CZ))

Contribution ID: 3

Type: **not specified**

From B-Factory to Super-B-Factory: Time-dependent CP-violation, alignment, and precision physics

Wednesday 15 March 2023 16:00 (1 hour)

The seminar takes place in meeting room A945.

Presenters: BILKA, Tadeas; BILKA, Tadeas; BILKA, Tadeas (Charles University (CZ)); BILKA, Tadeas

Contribution ID: 4

Type: **not specified**

Geometric picture for scattering amplitudes

Wednesday 22 March 2023 16:00 (1 hour)

The seminar takes place in meeting room A945.

Presenter: TRNKA, Jaroslav

Contribution ID: 5

Type: **not specified**

Georg Placzek: A Nuclear Physicist's Odyssey

Wednesday 29 March 2023 16:00 (1 hour)

The seminar takes place in the meeting room A945,

but also with ZOOM connection: <https://cesnet.zoom.us/j/94528789339?pwd=aTJVdENaZEU5VjdTUzc3SjFZL3Rqdz09>

Presenter: SHIFMAN, Michael (Tate Lab.of Phys.,Theor. Phys.Inst. - University of Minnesota)

Contribution ID: 6

Type: **not specified**

Contact Effective Field Theories - From few-body atomic systems to nuclei and hypernuclei

Wednesday 12 April 2023 16:00 (1 hour)

The seminar takes place in meeting room A945.

Presenter: SCHÄFER, Martin (ÚJF Řež)

Contribution ID: 7

Type: **not specified**

Applications and Opportunities of Machine Learning

Wednesday 19 April 2023 16:00 (1 hour)

The seminar takes place in meeting room A945.

Presenters: FRANC, Jiri (Czech Technical University (CZ)); FRANC, Jiri (Czech Technical University in Prague)

Contribution ID: 8

Type: **not specified**

Looking forward to new physics: The FASER experiment at the LHC

Wednesday 26 April 2023 16:00 (1 hour)

The seminar takes place in the meeting room A945,

but also with ZOOM connection: <https://cesnet.zoom.us/j/94528789339?pwd=aTJVdENaZEU5VjdTUzc3SjFZL3Rqdz09>

Presenter: BOYD, Matthew James

Contribution ID: 9

Type: **not specified**

Simulation and measurement of microchannel photomultiplier treated by deposition of a protective atomic layer

Wednesday 3 May 2023 16:00 (20 minutes)

Presenter: BUCKO, Jakub (Charles University (CZ))

Session Classification: Referáty studentů o diplomových pracích

Contribution ID: **10**

Type: **not specified**

Study of gamma rays in decay of $^{83}\text{Rb}/^{83m}\text{Kr}$

Wednesday 3 May 2023 16:20 (20 minutes)

Presenter: FRANTIŠEK, Zach

Session Classification: Referáty studentů o diplomových pracích

Contribution ID: 11

Type: **not specified**

Simulation and measurement of microchannel photomultiplier treated by deposition of a protective atomic layer

Wednesday 17 May 2023 16:00 (20 minutes)

Presenter: MATULÍK, Michal (Charles University)

Session Classification: Referáty studentů o diplomových pracích

Contribution ID: 12

Type: **not specified**

Calibration and jet type determination using machine learning techniques

Wednesday 17 May 2023 16:20 (20 minutes)

Presenter: NOVOTNÝ, Patrik (Charles University)

Session Classification: Referáty studentů o diplomových pracích

Contribution ID: **13**

Type: **not specified**

Neutral pion identification at Future Circular Collider

Wednesday 17 May 2023 16:40 (20 minutes)

Presenter: HAVIERNIK, Matěj (Charles University)

Session Classification: Referáty studentů o diplomových pracích