

Three-body Femtoscopy Meeting

Report of Contributions

Contribution ID: 2

Type: **not specified**

Free afternoon for discussions

Thursday 6 March 2025 14:00 (30 minutes)

Presenters: GAZDA, Daniel; ÓBERTOVÁ, Jaroslava (FNSPE, CTU in Prague); SCHAFER, Martin; SHEVCHENKO, Nina; DEL GRANDE, Raffaele (Czech Technical University)

Contribution ID: 3

Type: **not specified**

Three-body femtoscopy: introduction and experimental overview

Tuesday 4 March 2025 09:30 (1 hour)

Presenter: Dr SERKSNYTE, Laura (CERN)

Contribution ID: 5

Type: **not specified**

coffee break

Contribution ID: 7

Type: **not specified**

LECTURE - Introduction to the Hyperspherical Harmonics and adiabatic expansion method

Wednesday 5 March 2025 09:30 (1 hour)

Presenter: GARRIDO, Eduardo (Insituto de Estructura de la Materia, CSIC)

Contribution ID: 8

Type: **not specified**

LECTURE - Chiral EFT for nuclear interactions and connection to femtoscopy

Presenter: EPELBAUM, Evgeny

Contribution ID: 9

Type: **not specified**

Femtoscscopy with pionless EFT and connection to hypernuclei

Wednesday 5 March 2025 15:30 (1 hour)

Presenter: SCHAFER, Martin

Contribution ID: **10**

Type: **not specified**

Hyperon-nucleon interaction and hypernuclei

Wednesday 5 March 2025 16:30 (30 minutes)

Presenter: GAZDA, Daniel

Contribution ID: **11**

Type: **not specified**

coffee break

Contribution ID: **13**

Type: **not specified**

coffee break

Contribution ID: **14**

Type: **not specified**

Kp interaction and coupled-channels in femtoscopy

Thursday 6 March 2025 09:00 (1 hour)

Presenters: FEIJOO, Albert; MANTOVANI SARTI, Valentina (TUM)

Contribution ID: **15**

Type: **not specified**

coffee break

Contribution ID: 16

Type: **not specified**

Faddeev equations for Kpp and Kd systems and their possible use for correlation frunction calculations

Thursday 6 March 2025 10:30 (1 hour)

Presenter: SHEVCHENKO, Nina

Contribution ID: 17

Type: **not specified**

New approach to calculate Kd correlation function

Thursday 6 March 2025 11:30 (1 hour)

Presenters: RAMOS, Angels; TORRES-RINCON, Juan

Contribution ID: 20

Type: **not specified**

LECTURE - Problem of the asymptotic behaviour. Coulomb for 3 charged particles.

Wednesday 5 March 2025 11:00 (1 hour)

Presenter: KIEVSKY, Alejandro (INFN Pisa)

Contribution ID: **21**

Type: **not specified**

Welcome

Tuesday 4 March 2025 09:00 (30 minutes)

Presenter: DEL GRANDE, Raffaele (Czech Technical University)

Contribution ID: 22

Type: **not specified**

Source function for three particles with CECA

Tuesday 4 March 2025 11:00 (1 hour)

Presenter: MIHAYLOV, Dimitar (TUM)

Contribution ID: 23

Type: **not specified**

Introduction to the Pisa model: thep-d correlation function

Tuesday 4 March 2025 14:00 (1 hour)

Presenter: VIVIANI, Michele (INFN-Pisa)

Contribution ID: 24

Type: **not specified**

Correlation function of three nucleons (n-n-n and p-p-p)

Tuesday 4 March 2025 15:30 (1 hour)

Presenter: GARRIDO, Eduardo (Insituto de Estructura de la Materia, CSIC)

Contribution ID: 25

Type: **not specified**

Correlation function with hyperons (p-p- Λ)

Tuesday 4 March 2025 16:30 (1 hour)

Presenter: KIEVSKY, Alejandro (INFN Pisa)

Contribution ID: 26

Type: **not specified**

LECTURE - Chiral EFT for nuclear interactions and connection to femtoscopy

Wednesday 5 March 2025 14:00 (1 hour)

Presenter: EPELBAUM, Evgeny