

Nuclear Physics: Theory vs. Experiment

Report of Contributions

Contribution ID : 2

Type : **not specified**

Opening

Tuesday, 21 November 2023 09:00 (45)

Session Classification : Morning session Chair James P. Vary

Contribution ID : 3

Type : **not specified**

Atomic nuclei as open quantum systems

Tuesday, 21 November 2023 09:45 (60)

Presenter(s) : XU, Furong

Session Classification : Morning session Chair James P. Vary

Contribution ID : 4

Type : **not specified**

Understanding the origin of nuclear magic numbers

Tuesday, 21 November 2023 11:00 (60)

Presenter(s) : ONG, Hooi Jin

Session Classification : Morning session Chair James P. Vary

Contribution ID : 5

Type : **not specified**

Probing exotic nuclear structure via light-ion induced direct reactions

Tuesday, 21 November 2023 14:30 (60)

Presenter(s) : CHEN, Jie

Session Classification : Afternoon session Chair☒Furong Xu

Contribution ID : 6

Type : **not specified**

Trineutron system with realistic NN interactions in SS-HORSE-NCSM approach

Tuesday, 21 November 2023 17:00 (60)

Presenter(s) : MAZUR, Igor

Session Classification : Afternoon session Chair☒Furong Xu

Contribution ID : 7

Type : **not specified**

Calculations of reaction observables at drip-lines with the coupled-channel Gamow shell model

Tuesday, 21 November 2023 15:45 (60)

Presenter(s) : MICHEL , Nicolas

Session Classification : Afternoon session Chair✕Furong Xu

Contribution ID : 8

Type : **not specified**

Implications of the coherent elastic neutrino-nucleus scattering: new physics versus nuclear physics

Wednesday, 22 November 2023 09:00 (60)

Presenter(s) : LI , Yufeng

Session Classification : Morning session Chair Hooi Jin Ong

Contribution ID : 9

Type : **not specified**

Study on the nuclear shell structure of Study on the nuclear shell structure of ^{11}C by using the active target TPCC by using the active target TPC

Wednesday, 22 November 2023 10:15 (30)

Presenter(s) : ZHANG, Zhichao

Session Classification : Morning session Chair Hooi Jin Ong

Contribution ID : **10**

Type : **not specified**

Machine learning for extrapolating nuclear properties obtained in variational calculations

Wednesday, 22 November 2023 11:00 (60)

Presenter(s) : SHARYPOV, Roman

Session Classification : Morning session Chair Hooi Jin Ong

Contribution ID : 12

Type : **not specified**

Colloquium of James P. Vary

Wednesday, 22 November 2023 14:30 (75)

Presenter(s) : VARY , James P.

Session Classification : Afternoon session Chair☒Andrey Shirokov

Contribution ID : **13**

Type : **not specified**

Free discussion

Wednesday, 22 November 2023 16:00 (120)

Session Classification : Afternoon session Chair☒Andrey Shirokov

Contribution ID : **14**

Type : **not specified**

Free discussion

Thursday, 23 November 2023 08:30 (210)

Session Classification : Morning session Chair✉Xingbo Zhao

Contribution ID : **15**

Type : **not specified**

Excursion

Thursday, 23 November 2023 13:30 (270)

Session Classification : Afternoon session