

Thursday 13 November

08:40

Talks: Galactic Chemical Evolution

Session

Location: Peng Huanwu Collaborative Center for Research and Education, BUAA, 6th floor meeting room, Baiyan Bldg, North 4th Ring Road Middle, No. 238, Beijing, China

08:40-09:10

Ejecta from nucleosynthesis events and their flows

Speaker

Roland Diehl

09:10-09:40

The r-process elements enhanced stars with Galactic disk origins

Speaker

Hongliang Yan

09:40-10:00

Imprints of Galactic Environments on Chemical Evolution

Speaker

Eda Gjergo

10:00-10:30

Galactic chemical evolution in 3D

Speaker

Nicholas Storm

10:30-10:45

Modelling the Galactic Chemical Evolution of Dwarf Galaxies IC 10 and IC 1613: Unique r-Process Laboratories?

Speaker

GURUPRASAD YAGADEVAN

10:45 11:10

Talks: Compact Objects I

Session

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11:10-11:40

Self-bound hybrid stars with strong phase transitions can relieve major compact star observation tensions

Speaker

Chen Zhang

11:40-12:10

Neutron stars as probes of dense QCD matter

Speaker

Sophia Han

12:10-12:25 Symmetry energy effect on rotating neutron stars

Speaker

Xuhao Wu

12:25-12:40

Nova brevis from magnetar giant flares: a new window on neutron star crusts

Speaker

Jiahang Zhong

12:40 14:00

Talks: Neutrino Physics

Session

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14:00-14:30

Neutrino Scattering in Nuclear Physics

Speaker

Myun-ki Cheoun

14:30-14:50

On the Energetic Role of Forward Neutrino Scattering in CCSN Models

Speaker

Tatsushi Shima

14:50-15:10

Proton-rich production of lanthanides: the vi process

Speaker

Xilu Wang

15:10-15:25

Contribution of Kilonovae to diffuse MeV Gamma-ray background

Speaker

PRANTIK SARMAH

15:25-15:40

Nuclear de-excitation lines as a probe of low-energy cosmic rays

Speaker

Bing Liu

15:40 16:00

Talks: Stellar Abundance & Ages

Session

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16:00-16:30

Lithium in the cosmos: old and rare and fragile

Speaker

Andreas Korn

16:30-16:50

Stellar Atmospheric Parameters and Elemental Abundances from LAMOST Lowresolution Spectra with DD-PAYNE (Online)

Speaker

Meng Zhang

16:50-17:10

One Element, Two Tracks: Age-Resolved Phosphorus Variation in the Young side of Milky Way (Online)

Speaker

Mingjie Jian

17:10-17:30 Asetroseismology can give good ages for stars

Speaker

Tanda Li

17:30-17:45

Chemo-chronology of the metal-poor Milky Way halo via asteroseismology

Speaker

Chenxi Wang

17:45

Friday 14 November

08:30

Talks: Neutron-capture Astrophysics

Session

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08:30-08:50 **TBD**

Speaker

Siwei Zou

08:50-09:20

Neutron-capture in the wild: Constraining r-process nucleosynthesis through metal-poor stars in the Milky Way (Online)

Speaker

Vinicius M Placco

09:20-09:35 Constraining r-process sites : [Th/Eu] in moderately metal-poor stars

Speaker

Kurumi Furutsuka

09:35-09:55

Meaurement of neutron capture cross section and its implication for astrophysics

Speaker

Suyalatu Zhang

09:55

10:15

Talks: Nuclear Structure

Session

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10:15-10:45

Nuclear Structure and Dynamics from Stable Nuclei to Stellar Environments

Speaker

Nils Paar

10:45-11:15

Perspective on cosmos p-nuclei studies with the SLEGS gamma-ray source

Prof. Jianjun HE

Toward astrophysics-driven nuclear-reaction experiments for Supernova nucleosynthesis

Speaker

Nobuya Nishimura

11:45

13:00

Talks: Compact Objects II

Location: Peng Huanwu Collaborative Center for Research and Education, BUAA, 6th floor meeting room, Baiyan Bldg, North 4th Ring Road Middle, No. 238, Beijing, China

13:00-13:30 Clocked X-ray Bursters and New Aspects

Speaker

Akira Dohi

13:30-13:45

Indications of a Nuclear Urca Mechanism in the X-ray Superburster MAXI J1752-457

Speaker

Hao Huang

13:45-14:15

Properties of Quark Star Merger Ejecta and the Observational Signature

Speaker

Zhiqiang Miao

14:15 14:35

Talks: Nuclear Reactions & Experiments I

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14:35-15:05

Effects of beyond mean field approximation and tensor forces on Gamow-Teller and β decay of magic nuclei

Speaker

Hiroyuki Sagawa

15:05-15:25

Supernova neutrino and JUNO

Speaker

Yufeng Li

15:25-15:45

Large neutron-to-proton conversion in light nuclear reactions at relativistic energies

Speaker

Baohua Sun

15:45

16:05

Talks: Nuclear Reactions & Experiments II

Session

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16:05-16:35

Nuclear weak rates for astrophysics based on the shell-model approach

Speaker
Toshio Suzuki

16:35-17:05 Nuclear reactions for nuclear astropysics and effective field theories
Speaker
Shung-Ichi Ando

17:05-17:25 Recent Studies on r-process Nuclear Cosmochronology
Speaker
Xinhui Wu

17:25-17:45 Charge-exchange reactions and the applications
Speaker
Bingshui Gao

18:05