

Center for Cosmology and Astrophysics

List of online seminars, 2020 (Thursdays, 9am)

- Dec 24
V.Gurzadyan, 2020 summary
- Dec 17
Sh. Khlghatyan, Bifurcations, scattering billiards
- Dec 10
S.Mirzoyan, ML algorithms and simulated galaxies
- Dec 3
Sh.Khlghatyan, Feigenbaum universality and Konishi-Kaneko map
- Nov 26
Sh.Khlghatyan, A. Stepanian, Lense-Thirring precession and accretion disks
- Nov 19
H.Khachatryan, SN, redshifts and the Hubble diagram
- Nov 12
A. Stepanian, Gravitational lenses in galaxy clusters
- Nov 5
H.Khachatryan, Machine Learning Pipeline & standardized SN candles
- Oct 29
M.Samsonyan, A.A.Kocharyan, A. Stepanian, V.G. Gurzadyan
Cosmic voids and induced hyperbolicity
- Oct 22
A. Stepanian, Sh.Khlghatyan, M87 BH shadow, data and interpretation
- Oct 15
V.G. Gurzadyan, A.T. Margaryan, Ultrahigh accuracy time synchronization technique operation on the Moon (Artemis Science White Paper)
- Oct 8
A. A. Hakobyan, L. V. Barkhudaryan, A. G. Karapetyan, M. H. Gevorgyan,
Supernovae and their host galaxies (continuation)
- Oct 1
A. A. Hakobyan, L. V. Barkhudaryan, A. G. Karapetyan, M. H. Gevorgyan,
Supernovae and their host galaxies
- Sep 24
A. Stepanian, S.Sargsyan, A.Amekhyan, Galaxy cluster scaling relations,
GWS probing Lambda-gravity

- Sept 17
A. Stepanian, Sh. Khlghatyan, On the Lense-Thirring precession: time varying angular momentum case
- Sept 10
S. Mirzoyan, ML and galaxy morphology
- Sept 3
H.Khachatryan, ML algorithms and gravity lensing (continuation)
- Aug 27
H.Khachatryan, A. Stepanian, DG dark energy integral equation and HD
- Aug 20
H.Khachatryan, Machine learning algorithms and gravity lensing
- Aug 13
H.Khachatryan, A. Stepanian, Dark energy models and HD (continuation)
- Aug 6
A. Stepanian, S.Sargsyan, A.Amekhyan, Galactic sparsity and dark halos
- July 30
H.Khachatryan, A. Stepanian, Dark energy models and HD
- July 23
1. H.Khachatryan, Hubble diagram and DE models
2. A.Stepanian, S.Khlghatyan, Lense-Thirring testing and modified gravity
- July 16
1. H.Khachatryan, High-z GRBs vs the Hubble diagram
2. A. Stepanian, Black-hole entropy, Gedanken experiment
- July 9
1. H.Khachatryan, On CMB data analysis technique
2. S.Khlghatyan, On strong field Lense-Thirring