

Matter under Extreme Conditions in Heavy-Ion Collisions and Astrophysics

Monday, 20 August 2018

Student contributions / Exercises (16:30 - 17:30)

Tuesday, 21 August 2018

Student contributions / Exercises: Student contributions / Exercises (16:30 - 18:00)

time	[id] title	presenter
16:40	[48] Probing superfluid phases of QCD in heavy-ion collisions with hydro- and magneto-hydrodynamics simulations	Mr DAVE, Shreyansh Shankar
17:00	[49] Direct, elliptic and triangular flow of protons in Au+Au reactions at 1.23 A GeV: A theoretical analysis of the recent HADES data	Ms HILLMANN, Paula
17:20	[50] Axial current in moving medium	Mr PROKHOROV, George
17:40	[51] Study of the energy dependence of particle production in high energy collisions	Mr SOPHYS, Gabriel

Wednesday, 22 August 2018

Student contributions / Exercises: Student contributions / Exercises (16:30 - 18:20)

time	[id] title	presenter
16:40	[52] Deconfinement transition as engine for supernova explosions of blue-supergiant stars	Mr BASTIAN, Niels-Uwe
17:00	[53] Equation of state at finite temperature and chemical potential in the PNJL model	Mr FUSEAU, David
17:20	[54] Z_N symmetry and confinement deconfinement transition in $SU(N)$ Higgs theories	Ms BISWAL, Minati
17:40	[59] Long-range rapidity correlations in the model with string fusion on transverse lattice	Ms BELOKUROVA, Svetlana
18:00	[62] Cumulative production of nucleons by heavy barionic resonances in proton-nucleus collisions	Ms PANOVA, Oleksandra

Friday, 24 August 2018

Student contributions / Exercises: Student contributions / Exercises (16:30 - 18:20)

time	[id] title	presenter
16:40	[55] Hyper stars within LOCV (Lowest Order Constrained Variational) Method	Ms SHAHRBAF MOTLAGH, Mahboubeh
17:00	[56] Model dependence the pasta-structure effects in the quark-hadron mixed phase	Mr MASLOV, Konstantin
17:20	[57] How modifications of GR at high densities affect astrophysical compact objects	Mr NUSSUPBEKOV, Ayan
17:40	[58] Cosmological Constant Effects on the Properties of Mass Twin Compact Stars	Ms KHOSRAVI LARGANI, Noshad
18:00	[61] Constraining the neutron star mass and radius relation	Ms HANU, Elena- Oana Ms MILOI, Madalina Mihaela

Monday, 27 August 2018

Student contributions / Exercises: Student contributions / Exercises (16:30 - 17:30)

time	[id] title	presenter
16:30	[73] Dense Matter: seminar	Prof. BLASCHKE, David

Tuesday, 28 August 2018

Student contributions / Exercises: Student contributions / Exercises (16:30 - 18:00)

time	[id] title	presenter
16:40	[64] Dualities in dense quark matter with chiral imbalance	Mr ZHOKHOV, Roman
17:00	[65] Grassmannians and form factors of non-local operators	Mr BOLSHOV, Artem
17:20	[66] Color Structure of Gluon Field Magnetic Mass	Ms KOLOMOYETS, Natalia
17:40	[67] Baryon-antibaryon asymmetry, dark matter and color confinement - a possible common denominator	Dr ALVAREZ CASTILLO, David Edwin

Wednesday, 29 August 2018

Student contributions / Exercises: Student contributions / Exercises (16:30 - 17:30)

time	[id]	title	presenter
16:30	[74]	Exercises II	Prof. BLEICHER, Marcus

Thursday, 30 August 2018

Student contributions / Exercises: Student contributions / Exercises (16:30 - 18:20)

time	[id] title	presenter
16:40	[68] Modelling anisotropic magnetized compact stars with gamma-metric	Ms ALVEAR-TERRERO, Diana
17:00	[69] Mimicking the Pasta Phase and Robustness of the Third Family Phenomena	Mr AYRIYAN, Alexander
17:20	[70] Radiation from the graphene in the presence of an external field: kinetic approach	Mr PIROGOV, Stanislav
17:40	[71] Synthesis of chemical elements in the ultramagnetized astrophysical plasma	Ms ZHOMARTOVA, Ayazhan
18:00	[72] Vorticity in relativistic heavy ion collisions	Mr VITIUK, Olexandr