Program

of the 6th International Symposium on

Non-equilibrium Dynamics (NeD-2018)

Varadero, Cuba

16 April, Monday

9:30 – 9:40 Marcus Bleicher *'Opening of the NeD-2018'*
9:40 – 10:30 Elena Bratkovskaya *'Lecture: Introduction to the dynamical models of HIC'*

10:30 - 10:50 Coffee break

10:50 – 11:30 Hannah Petersen *'Resonance properties and transport coefficients in SMASH'*
11:30 – 12:20 Jörg Aichelin *'Lecture: Dynamical description of clusters formation in HIC'*
12:20 – 13:00 Klaus Werner *'New development in EPOS'*

13:00 – 14:30 Lunch

15:00 – 18:00 Topical discussion group, student exercises

17 April, Tuesday

9:30 – 10:20 Vincenzo Greco *'Lecture: Charm Physics'*
10:20 – 11:00 Laura Fabbietti *'Scattering experiments with hyperons and nucleons at the LHC'*

11:00 - 11:20 Coffee break

11:20 – 12:00 Michael Christen *'Lecture: Artificial Intelligence and Knowledge Transfer'*
12:00 – 13:30 Agnes Mocsy *'Special Lecture: The Art of Communicating Science'*

13:30 – 15:00 Lunch

15:00 – 18:00 Topical discussion group, student exercises

18 April, Wednesday

9:30 – 12:30 Topical discussion group, student exercises

13:00 – 14:30 Lunch

14:30 – 18:00 free

19 April, Thursday

9:30 – 10:20 Matthias Kaminski *'Lecture: Far-from-equilibrium dynamics in magnetic charged chiral plasma'*
10:20 – 11:00 Burkhard Kampfer *'Holographic scenarios for HICs: equation of state, viscosities, freez-out, hadron spectrum'*
11:00 – 11:15 Casey Cartwright *'Correlations in strongly coupled plasmas via the gauge/gravity*
11:15 – 11:30 Duvier Suarez Fontanella *'Gravitational Collapse for scalar fields'*

11:30 - 11:50 Coffee break

11:50 – 12:05 Paula Hillmann *'Direct, elliptic and triangular flow of protons in Au+Au reactions at 1.23 AGeV: A theoretical analysis of the recent HADES data'*
12:05 – 12:20 Lidice Cruz Rodriguez *'Photon time delay induced by a pulsar magnetosphere'*
12:20 – 12:35 Gretel Quintero Angulo *'Anisotropic equation of state of magnetized boson gases: Astrophysical implications'*
12:35 – 12:50 Diana Alvear Terrero *'Exact solutions of Einstein equations for anisotropy magnetic sources'*
12:50 – 13:05 Lismary Suarez *'Bose Einstein ferromagnetism'*
13:05 – 13:20 Samantha Lopez *'Towards a proper modeling of anisotropic magnetized compact objects'*
13:20 – 13:35 Amanda Konieczna *'Strangeness in p+p, π+p and π+A collisions in the UrQMD Transport model'*

13:35 – 15:00 Lunch

15:00 – 18:00 Topical discussion group, student exercises

20 April, Friday

9:30 – 10:20 Thomas Boller *'Lecture: Event Horizon Telescope and GW detectors: new windows to the Universe'*
10:20 – 11:00 Hugo Pérez Rojas *'Negative Pressure in vacuum in a strong constant magnetic field. How to measure it'*

11:00 - 11:20 Coffee break

11:20 – 12:10 Werner Becker *'Lecture: Exploring the Astrophysics of Neutron Stars with the help of X-ray Observatories'*
12:10 – 12:50 Aurora Perez Martinez *'Anisotropy emission of neutrinos from quark stars, relation with kicks of pulsars'*

13:00 – 14:30 Lunch

15:00 – 18:00 Topical discussion group, student exercises

21 April, Saturday

9:30 – 10:10 Marcus Bleicher *'Charm and strangeness at FAIR'*
10:10 – 10:50 Christian Sturm *'The CBM physics program'*

10:50 - 11:10 Coffee break

11:10 – 11:50 Raimond Snellings *'Energy dependence and fluctuations of anisotropic flow'*

13:00 – 14:30 Lunch

14:30 – 18:00 Topical discussion group, student exercises