

Wednesday, 14 September 2016 - Room 1010, C3 building

<i>Time</i>		<i>Name</i>	<i>Title</i>
9:00 - 9:40	<i>Registration</i>		
9:40 - 10:15	Welcome	Vassilios Kovanis, Chair of Physics Department. Vassilios Tourassis, Dean of SST. Shigeu Katsu, President of Nazarbayev University.	
10:15 - 11:00	Plenary 1	Yury Levin	Measuring gravitational-wave memory with LIGO and Pulsar Timing Arrays.
11:00 - 11:40	<i>Coffee break</i>		
11:40 - 12:00	Contributed 1	Vasileios Zarikas	Asymptotic Safe Gravity, Spherical and Cosmological Solutions.
12:00 - 12:20	Contributed 2	Ilia Musco	Causal nature and dynamics of trapping horizons in black hole collapse.
12:20 - 14:00	<i>Lunch</i>		
14:00 - 14:45	Plenary 2	Medeu Abishev	Rotational motion of the gyroscope in the field of massive body with the inner structure and inner motion in GR.
14:45 - 15:05	Contributed 3	Boshkayev Kuantay	I-Love-Q Relations in White Dwarf Stars.
15:05 - 15:20	Contributed 4	Bakytzhan Zhami	Uniformly rotating white dwarfs at finite temperatures.
15:20 - 15:35	Contributed 5	Djavlanbek Rayimbaev	Plasma magnetosphere of deformed magnetized neutron star.
15:35 - 15:50	Contributed 5	Nurgissa Myrzakulov	F(T) gravity with fermion field in (2+1) dimensions.
15:50 - 16:30	<i>Coffee break</i>		
16:20 - 16:30	Contributed 7	Azamat Zhaksylykov	Interaction of turbulence with shock waves.
16:30 - 16:40	Contributed 8	Danat Issa	Analysis of the closure models of turbulence in core-collapse supernovae.
16:40 - 16:50	Contributed 9	Batyr Ilyas	Lorentz invariant Quantum Key Distribution (QKD) protocol.
16:50 - 17:00	Contributed 10	Khalykbek Yelshibekov	A moving mirror model.

Thursday, 15 September 2016 - Room 1010, C3 building

	<i>Registration</i>	<i>Name</i>	<i>Title</i>
<i>9:30 - 10:15</i>	Plenary 3	Thierry Foglizzo	The explosion mechanism of massive stars.
<i>10:15 - 11:00</i>	Plenary 4	Cosimo Bambi	Testing the Kerr metric via X-ray reflection spectroscopy.
<i>11:00 - 11:40</i>	<i>Coffee break</i>		
<i>11:40 - 12:25</i>	Plenary 5	Leonid Chechin	On the Universe Rotation and Cosmological Principle.
<i>12:25 - 14:00</i>	<i>Lunch</i>		
<i>14:00 - 16:00</i>	<i>Bus Tour of Astana</i>		
<i>16:00 - 20:00</i>	<i>Free afternoon</i>		
<i>20:00</i>	<i>Social Dinner</i>		

- The bus tour will leave from Nazarbayev University, in front of Block 1 and will return at the Alau Hotel.
- The social dinner will take place at "Astana Nury". The restaurant is conveniently located near the river in the heart of the capital, and from the summer terrace of the restaurant you can see, perhaps, the most beautiful views of the embankment! You can enjoy Caucasian and European kitchen. The menu offers more than 150 different dishes, among which sahshlyk, the crown of Caucasian cuisine, reigns. The address: Republika ave 2/1 entrance from riverside alley.

Friday, 16 September 2016 - Room 1010, C3 building			
	<i>Registration</i>	<i>Name</i>	<i>Title</i>
9:30 - 10:15	Plenary 6	Yen Chin Ong	When Is Holography Consistent?
10:15 - 10:35	Contributed 10	Koblandy Yerzhanov	Noether Symmetry Approach for $F(R,T,X,\phi)$ cosmology
10:35 - 10:55	Contributed 11	Ahmadjon Abdujabbarov	Optical properties of the black holes: the shadow.
10:55 - 11:40	<i>Coffee break</i>		
11:40 - 12:25	Plenary 7	Hernando Quevedo	Geometrothermodynamics of black holes.
12:25 - 14:00	<i>Lunch</i>		
14:00 - 14:45	Plenary 8	Bobomurat Ahmedov	Electromagnetic Fields of Rotating Gravitational Compact Objects in General Relativity.
14:45 - 15:00	Contributed 11	Arman Tursunov	Quasi-periodic oscillations around astrophysical black holes.
15:00 - 15:15	Contributed 12	Abdullo Hakimov	Geometric optics phenomena of black hole in conformal Weyl gravity.
15:15 - 15:30	Contributed 13	Bobir Toshmatov	Quasinormal frequencies of black hole in the braneworld.
15:30 - 15:45	Contributed 14	Saken Toktarbay	The axisymmetric solution of Einstein's field equations with quadrupole moment.
15:45 - 16:00	Contributed 15	Algis Malybaev	Geometrothermodynamics of black holes with cosmological constant.
16:00 - 16:40	<i>Coffee break</i>		
16:40 - 18:00	<i>Discussion</i>		
18:00 - 18:15	<i>Closing remarks</i>		

All talks will take place in room 1010 in the C3 building (see map).