**MATINYAN MEMORIAL SEMINAR**

January 18 and 21, 2019

January 18, Seminar hall, 3rd floor

11.00 Opening, reminiscences on Prof. MATINYAN

11.30 Sedrakyan, Plateau transitions in QHE in topological insulators

12.00 Gurzadyan, Stepanian, On common nature of dark sector

*12.30 coffee break at* Matinyan Center for Theoretical Physics*, 5th floor*

13.00 Ioannisyan, Long baseline neutrino experiments: JUNO (China), DUNE

(USA-CERN), HyperKamiokande (Japan) (our participation/contribution to

those collaborations)

13.30 Sahakian, Statistical mechanics of reinforcement learning

January 21, Seminar hall, 5th floor

11.00 Babujian, Correlation Functions of Classical and Quantum Artin System

defined on Lobachevsky Plane and Scrambling Time

11.30 Allahverdyan, Defining the work done on an electromagnetic field

12.00 Karakhanyan, Orthogonal and symplectic Yangians and their

representations

12.20 Babajanyan, Allahverdyan, Leadership scenarios in the prisoner's game

12.40 Martirosyan, The MIXMAX random number generator and the (theoretical)

spectral test for measuring the quality of the generators.

13.00 Mamasakhlisov Kinetics of the Wako - Saito - Munoz - Eaton Model:

Difference between Real and "Artificial " Proteins

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Coordinators: Gurzadyan, Sedrakyan

Sci. secretary: Stepanian