

6th Iranian Conference on Mathematical Physics

Sunday morning (chair : Hamidreza Zanganeh)

8:30 - 9:00

opening

9:00 - 10:00	Gholam Reza Rokni Lamouki	Dynamical Systems and Control Theory: Real World Applications
10:00 - 10:30	Parvin Sadeghi	The Effect of Nonlinear Potential on the Creation of a Nonclassical Property of Harmonic Oscillator in the Rivier Representation
10:30 - 11:30	Seyed Mahmoud Manjegani	Majorisation with some Application in Quantum Information Theory

Sunday afternoon (chair : Abbas Ali Bidokhty)

13:30 - 14:30

Poster Session

14:30 - 15:00	Nafiseh Karimimanesh	Monopoles, vortices and chains in $SU(3)$ gauge group
15:00 - 16:00	Riccardo Borsato	Deformations and dualities in string theory and integrable models

Monday morning (chair : Shahin Rouhani)

9:00 - 10:00	Seyed Akbar Jaafari	Spacetime structures in solid state physics
10:00 - 10:30	Zahra Abuali	Quantum uncertainty between extensive and intensive thermodynamic variables
10:30 - 11:30	Shahriar Salimi	A look at Heisenberg's uncertainty principle and the entropy's uncertainty principle

Monday afternoon (chair : Anouchah Latifi)

15:00 - 16:00	Rajesh Gopakumar	Deriving the AdS/CFT Correspondence
16:00 - 16:30	Arezu Jahanshir	Bernoulli Series Generating Potentials in the Symplectic Space
16:30 - 17:30	Frank Nijhoff	Lagrangian multiform theory and quantum variational principle

Tuesday morning (chair : Shahin Sheikh Jabbari)

9:00 - 10:00	Hamed Adami	Null boundary phase space in diverse dimensions
10:00 - 10:30	Hazhir Dolatkahh	Tightening the tripartite uncertainty relation with quantum memory
10:30 - 11:30	Salman Beigi	Nonlocality Beyond Bell's Inequality

Tuesday afternoon (chair : Laleh Memarzadeh & Shahin Sheikh Jabbari)

13:30 - 14:30	Fabio Benatti	Asymptotic properties of open quantum spin chains
14:30 - 15:00	Shahin Rouhani	Presentation of a new journal "Transactions in Theoretical and Mathematical Physics"
15:00 - 16:00	Poster Session	
16:00 - 16:30	Break	
16:30 - 17:30	Anca Tureanu	CPT symmetry and relativistic invariance: their relation and violation
17:30 - 18:00	Closing	