

Session Program

10-12 Apr 2011

**International Conference on Physics in
Memoriam Acad. Prof. Matey Mateev**

General Morning Session

Tuesday 12 April

09:00

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Session | **Location:** Bulgarian Academy of Sciences, 1, 15th November street, 1040 Sofia Bulgaria | **Convener:** Peter Kenderov

09:00–09:25

Soliton equations on symmetric spaces and Bose-Einstein condensates

Speaker

Vladimir Gerdjikov

09:25–09:45

Deformed Symmetries and Exact Solvability in Quantum Physics

Speaker

Boyka Aneva

09:45–10:05

Spatially homogeneous Yang-Mills Theory: Instant, light-front and point forms of dynamics

Speaker

Dimitar Mladenov

10:05–10:25

Quantum equations of motion in BF theory with sources

Speaker

Nevena Ilieva

10:25–10:45

Kramers Diffusive Mechanism of Alpha Decay, Proton/Cluster Radioactivity and Spontaneous Fission, Induced by Vacuum Zero-point Radiation

Speaker

Vitaliy Rusov

10:45