

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

Report of Contributions

Contribution ID: 0

Type: **not specified**

Scientific Activity of Prof. Matey Mateev

Presenter: LALOV, Ivan (Sofia University, Bulgaria)

Contribution ID: 1

Type: **not specified**

Scientific Activity of Prof. Matey Mateev

Monday, 11 April 2011 09:15 (25 minutes)

Presenter: LALOV, Ivan (Sofia University, Bulgaria)

Session Classification: First Morning Session

Contribution ID: 2

Type: **not specified**

The radius of the proton

Monday, 11 April 2011 09:40 (35 minutes)

Presenter: DE RUJULA, Alvaro (CERN)

Session Classification: First Morning Session

Contribution ID: 3

Type: **not specified**

Growth of Solid Electrolytes from the Melt under Microgravity

Monday, 11 April 2011 10:15 (35 minutes)

Presenter: POPOV, Angel (Sofia University, Bulgaria)

Session Classification: First Morning Session

Contribution ID: 4

Type: **not specified**

The new geometric formulation of quantum field theory according to Matey Mateev's scenario

Monday, 11 April 2011 11:20 (50 minutes)

Presenter: KADYSHEVSKIY, Vladimir (Joint Institute for Nuclear Research (JINR))

Session Classification: Second Morning Session

Contribution ID: 5

Type: **not specified**

A boost for a whole life

Monday, 11 April 2011 12:10 (25 minutes)

Presenter: CHIZHOV, Mihail (Faculty of Physics)

Session Classification: Second Morning Session

Contribution ID: 6

Type: **not specified**

Search with CMS detector for physics beyond the SM

Monday, 11 April 2011 12:35 (35 minutes)

Presenter: LITOV, Leandar (Faculty of Physics)

Session Classification: Second Morning Session

Contribution ID: 7

Type: **not specified**

Primordial nucleosynthesis and the radiation content of the early universe

Monday, 11 April 2011 14:40 (35 minutes)

Presenter: MIELE, Gennaro (Universita di Napoli "Federico II", Italy)

Session Classification: First Afternoon Session

Contribution ID: **8**

Type: **not specified**

From Mateev's baryogenesis ideas to contemporary cosmological constraints

Monday, 11 April 2011 15:15 (25 minutes)

Presenter: KIRLOVA, Daniela (IA and NAO, BAS, Bulgaria)

Session Classification: First Afternoon Session

Contribution ID: 9

Type: **not specified**

Representations and q-Deformation of Anti de Sitter Symmetry

Monday, 11 April 2011 15:40 (35 minutes)

Presenter: DOBREV, Vladimir (INRNE, BAS, Bulgaria)

Session Classification: First Afternoon Session

Contribution ID: **10**

Type: **not specified**

Why neutrinos are different

Monday, 11 April 2011 16:15 (35 minutes)

Presenter: FRERE, Jean-Marie (Service de Physique des Particules Elementaires)

Session Classification: First Afternoon Session

Contribution ID: 11

Type: **not specified**

Physics of soft and living matter

Monday, 11 April 2011 17:15 (35 minutes)

Presenter: PETROV, Alexander (ISSP, BAS, Bulgaria)

Session Classification: Second Afternoon Session

Contribution ID: 12

Type: **not specified**

Correlation between T_c and the Cu 4s level reveals the mechanism of high-temperature superconductivity

Monday, 11 April 2011 18:25 (25 minutes)

Presenter: MISHONOV, Todor (Sofia University, Bulgaria)

Session Classification: Second Afternoon Session

Contribution ID: 13

Type: **not specified**

Target definition and target tracking in radiation therapy - resolved and unresolved problems

Monday, 11 April 2011 17:50 (35 minutes)

Presenter: KIROV, Assen (MSKCC, USA)

Session Classification: Second Afternoon Session

Contribution ID: **14**

Type: **not specified**

New Improved Operational Model for Cosmic Ray Effects in Space Physics

Monday, 11 April 2011 18:50 (25 minutes)

Presenter: VELINOV, Peter (ISSTR, BAS, Bulgaria)

Session Classification: Second Afternoon Session

Contribution ID: 15

Type: **not specified**

Soliton equations on symmetric spaces and Bose-Einstein condensates

Tuesday, 12 April 2011 09:00 (25 minutes)

Presenter: GERDJIKOV, Vladimir (INRNE, BAS, Bulgaria)

Session Classification: General Morning Session

Contribution ID: **16**

Type: **not specified**

Deformed Symmetries and Exact Solvability in Quantum Physics

Tuesday, 12 April 2011 09:25 (20 minutes)

Presenter: ANEVA, Boyka (Unknown)

Session Classification: General Morning Session

Contribution ID: 17

Type: **not specified**

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

Tuesday, 12 April 2011 09:45 (20 minutes)

Presenter: MLADENOV, Dimitar (Department of Physics)

Session Classification: General Morning Session

Contribution ID: **18**

Type: **not specified**

Quantum equations of motion in BF theory with sources

Tuesday, 12 April 2011 10:05 (20 minutes)

Presenter: ILIEVA, Nevena (INRNE, BAS, Bulgaria)

Session Classification: General Morning Session

Contribution ID: **19**

Type: **not specified**

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

Tuesday, 12 April 2011 10:25 (20 minutes)

Presenter: RUSOV, Vitaliy (Odessa University, Ukraine)

Session Classification: General Morning Session

Contribution ID: **20**

Type: **not specified**

Strong Gravitational Lensing and quasinormal modes

Tuesday, 12 April 2011 11:20 (20 minutes)

Presenter: STEFANOV, Ivan (Technical University of Sofia, Bulgaria)

Session Classification: General Morning Session

Contribution ID: 21

Type: **not specified**

Desynchronization of systems of Hindmarsh-Rose oscillators by varying time-delay noninvasive feedback

Tuesday, 12 April 2011 11:40 (20 minutes)

Presenter: URUMOV, Victor (University Ss Cyril and Methodius, Macedonia)

Session Classification: General Morning Session

Contribution ID: 22

Type: **not specified**

$\mu \rightarrow e + \gamma$ in the MSSM with Minimal Flavour Violation

Tuesday, 12 April 2011 12:00 (20 minutes)

Presenter: DAVIDKOV, Momchil (JINR, Russia)

Session Classification: General Morning Session

Contribution ID: 23

Type: **not specified**

Mathematics and science teachers' concept of critical thinking

Tuesday, 12 April 2011 12:20 (20 minutes)

Presenter: MITREVSKI, Boce (Faculty of Natural Sciences and Maths, Macedonia)

Session Classification: General Morning Session

Contribution ID: 24

Type: **not specified**

Do physics textbook writers understand physics?

Tuesday, 12 April 2011 12:40 (20 minutes)

Presenter: ZAJKOV, Oliver (University Ss Cyril and Methodius, Macedonia)

Session Classification: General Morning Session

Contribution ID: 25

Type: **not specified**

Modern Physics Course in Bulgaria

Tuesday, 12 April 2011 13:00 (20 minutes)

Presenter: IVANOV, Stefan (Sofia University)

Session Classification: General Morning Session