

## Talks not included in the Proceedings

Ignatios Antoniadis

**Inflation from supersymmetry breaking**

Irina Aref'eva

**Holography for heavy-ion collision**

Sudipto Bhattacharjee

**Role of particle creation mechanism on the collapse of a massive star**

Asmus Bisbo

**Polynomial representations of the Lie superalgebra  $osp(1|2n)$**

David Edward Bruschi

**On the weight of entanglement**

Martin Cederwall

**Extended geometry and tensor hierarchy algebras**

Radu Constantinescu

**Special methods for solving nonlinear differential equations through polynomial expansion**

Ion Cotaescu

**Leptogenesis in a spatially flat Milne-type universe**

Branislav Cvetković

**Entropy in Poincare gauge theory: Hamiltonian approach**

Ivan Dimitrijević

**Cosmological solutions of a nonlocal square root gravity**

Dragoljub Gočanin

**Noncommutative  $OSp(4|2)$  supergravity**

Alexey Golovnev

**Spin connections, local Lorentz transformations and cosmological perturbations in modified teleparallel theories of gravity**

Nikola Konjik  
**Angular noncommutative scalar field phenomenology in flat and curved space**

Alexey Koshelev  
**On quantum properties of analytic infinite derivative field theories**

Abhijit Mandal  
**Thermodynamic study of Reissner-Nordstrom quintessence black hole**

Milan Milošević  
**Slow-roll parameters in extended RSII model**

Sergei D. Odintsov  
**The universe acceleration in modified gravity: an overview**

Anna Pachol  
**Digital quantum geometries**

Shibesh Kumar Jas Pacif  
**An accelerating cosmological model from a parametrization of Hubble parameter**

Gauranga Charan Samanta  
**Wormhole modeling in general relativity**

Ciprian Sporea  
**Fermionic quasibound states for Reissner-Nordstrom black holes**

Alexei Starobinsky  
**Talk 1: Pre-inflation, inflation and post-inflationary heating in  $f(R)$  and scalar-tensor modified gravity**  
**Talk 2: The mixed Higgs- $R^2$  inflationary model**

Mykola Stetsko  
**Black holes in the theory with nonminimal derivative coupling and some aspects of their thermodynamics**

Francesco Toppan  
**New issues in superconformal quantum mechanics**

Mihai Visinescu

**Sasaki-Ricci flow on Sasaki-Einstein space  $T_{1,1}$**

Xiaoning Wu

**The null-timelike boundary problems of linear wave equations in asymptotically anti-de Sitter space**

Naqing Xie

**Construction of vacuum initial data by the conformally covariant split system**

