

**COST Action MP1405 "Quantum Structure of Spacetime"**  
**III. Annual Workshop,**  
**19-23 February 2018, Sofia, Bulgaria**

**List of registered talks (as of 21.2.2018)**

Name	Title
<b>Anghel, Cristian</b>	(0; 2)-Mirror symmetry and omalous bundles on complete intersection surfaces of general type
<b>Anguelova, Lilia</b>	Systematics of Constant Roll Inflation
<b>Arefeva, Irina</b>	Large N limit in the SYK model in real time
<b>Aschieri, Paolo</b>	Nonassociative differential geometry and gravity with non-geometric fluxes
<b>Babalic, Elena Mirela</b>	B-type Landau-Ginzburg models on Stein manifolds
<b>Ballesteros, Angel</b>	Curved momentum spaces from quantum (Anti-)de Sitter groups in (3+1) dimensions
<b>Borowiec, Andrzej</b>	All quantizations of $\mathfrak{o}(4;C)$ and its real forms.
<b>Cvetko Vah, Karin</b>	Noncommutative lattices
<b>De Cesare, Marco</b>	Non-commutative gravity and applications to cosmology
<b>Deser, Andreas</b>	NQ-manifolds and derived brackets in (heterotic) double field theories
<b>Dvali, Georgi</b>	Black Holes as Brains: Neural Networks with Area Law Entropy
<b>Filev, Veselin</b>	A Quantum Critical Point in 'twisted' YM theory
<b>Fiore, Gaetano</b>	New fuzzy spheres through confining potentials and energy cutoffs
<b>Hoare, Ben</b>	Deformations of AdS superstrings and Weyl invariance
<b>Hristov, Kiril</b>	Black hole microstates in AdS <sub>4</sub> and AdS <sub>5</sub> from supersymmetric partition functions
<b>Kehagias, Alex</b>	Linear Dilaton Supergravity and the Hierarchy problem
<b>Knox, Eleanor</b>	Emergent or Effective Spacetime from Non-commutative Gravity: a functionalist story

<b>Kurkcuoğlu,</b> Seckin	Quantum Hall Effect on Odd-Dimensional Spheres
<b>Landi,</b> Giovanni	The quantum Yang--Baxter equation and noncommutative Euclidean spaces
<b>Lazaroiu,</b> Calin Iuliu	Matrix factorizations over Bezout and elementary divisor domains
<b>Loll,</b> Renate	Ricci curvature in quantum gravity
<b>Majid,</b> Shahn	Twisting equivalence of the spin model and bicrossproduct model quantum spacetimes
<b>Marinov,</b> Kalin	Minimal dilatonic gravity and compact static spherically symmetric stars
<b>Minasian,</b> Ruben	Generalised complex geometry, supersymmetry and string theory
<b>Moretti,</b> Elena	High energy Gamma Ray Bursts in a new transient multi-messenger era
<b>Mukhanov,</b> Viatcheslav	Noncommutative geometry and singularities in General Relativity
<b>Muller,</b> Lukas	Non-Associativity in quantum mechanics arising from smooth distributions of magnetic charge
<b>Nair,</b> Parameswaran	Coherent States, Thermofield Dynamics and Gravity
<b>Nissimov,</b> Emil	Gravity Assisted Higgs Mechanism, Confinement/Deconfinement, Unified Dark Energy and Dark Matter and Wheeler-DeWitt Quantization
<b>Oriti,</b> Daniele	Building up space: the quantum geometry of group field theory states
<b>Pikutic,</b> Danijel	Twist for Snyder space
<b>Ronco,</b> Michele	Covariance beyond General Relativity
<b>Runkel,</b> Ingo	Defects, symmetries, orbifolds
<b>Savvidy,</b> George	Gravity with Linear Action and Gravitational Singularities
<b>Schupp,</b> Peter	Higher geometry, gravity and galileons
<b>Seridi,</b> Mohamed Ali	Paraquantum Strings and Spacetime Noncommutativity
<b>Sperling,</b> Marcus	Covariant fuzzy spaces, matrix models and higher spin

<b>Staicova,</b> Denitsa	Cosmological solutions from two-measures model with inflaton field
<b>Tekel,</b> Juraj	Matrix models of fuzzy field theories
<b>Tino,</b> Guglielmo M.	Testing gravity with atomic quantum sensors
<b>Vetsov,</b> Tsvetan	Notes on Fisher Information Metric in Higher Derivative Theories and String Theory
<b>Vitale,</b> Patrizia	A toy model for DFT and its generalization to Principal Chiral Models
<b>Vysoky,</b> Jan	Effective actions in Poisson-Lie T-duality from a new perspective
<b>Waldorf,</b> Konrad	Missing T-duals and non-abelian gerbes