Solvay Workshop on "Higher Spin Gauge Theories, Topological Field Theory and Deformation Quantization"

Brussels, February 17 - 21, 2020

MONDAY 17 FEBRUARY

10:45 -11:15	Registration
11:15 - 11:30	Welcome by Marc Henneaux (Director of the Solvay Institutes, Brussels)
11:30 - 12:30	Ivo Sachs – *From BV-Quantisation To Homotopy Algebras And Back*
12:30 - 14:30	**LUNCH BREAK (cafeteria)**
14:30 -15:30	Xavier Bekaert – *Introduction to higher-spin gravity*
15:30 - 16:00	**COFFEE BREAK (in hall adjacent to the conference room)**
16:00 - 17:00	Xiang Tang - *Dunkl Operators and Quantization of Orbifolds*
17:00 - 18:00	Discussion

TUESDAY 18 FEBRUARY

10:00 - 11:00	Chiara Esposito - *Twisting procedure and formality theorem*
11:00 - 11:30	**COFFEE BREAK (in hall adjacent to the conference room)**
11:30 - 12:30	Alexei Kotov - *Gauge PDEs: the geometry of local gauge theories*
12:30 - 14:30	**LUNCH BREAK (cafeteria)**
14:30 - 15:30	Alexey Sharapov - *Noncommutative Deformation Quantization and Gauge Interactions*
15:30 - 16:00	**COFFEE BREAK (in hall adjacent to the conference room)**
16:00 - 17:00	Branislav Jurčo - *TBA*
17:00 - 18:00	Discussion

WEDNESDAY 19 FEBRUARY

10:00 - 11:00	Alberto Cattaneo - *The BV-BFV formalism*
11:00 - 11:30	**COFFEE BREAK (in hall adjacent to the conference room)**
11:30 - 12:30	Richard Szabo - *Homotopy Lie algebras for gravity and their braided deformations*
12:30 - 12:40	**GROUP PHOTO**
12:40 - 14:30	**LUNCH BREAK (cafeteria)**
14:30 - 15:30	Peter Schupp - *Graded Geometry and Gravity*
15:30 - 16:00	**COFFEE BREAK (in hall adjacent to the conference room)**
16:00 - 17:00	Larisa Jonke - *Courant algebroid and Lie_infinity algebras*
17:00 - 18:00	Discussion

THURSDAY 20 FEBRUARY

10:00 - 11:00	Mikhail Vasiliev - *Spin-locality and star-product functions in higher-spin theory*
11:00 - 11:30	**COFFEE BREAK (in hall adjacent to the conference room**
11:30 - 12:30	Per Sundell - *Topological fields, noncommutative geometries and higher spins*
12:30 - 14:30	**LUNCH BREAK (cafeteria)**
14:30 - 15:30	Vladimir Rubtsov - *Quantum uniformisation and Calabi-Yau algebras*
15:30 - 16:00	**COFFEE BREAK (in hall adjacent to the conference room)**
16:00 - 17:00	Pierre Bieliavsky - *TBA*
17:00 - 18:00	Discussion
19:30	**BANQUET** (*Scheltema,* Rue des Dominicains 7, 1000 Bruxelles)

FRIDAY 21 FEBRUARY

10:00 - 11:00	Nils Carqueville – *Defects in topological quantum field theory*
11:00 - 11:30	**COFFEE BREAK (in hall adjacent to the conference room)**
11:30 - 12:30	Harold Steinacker - *Higher spin gauge theory, matrix models, and the quantum structure of space-time*
12:30 - 14:30	**LUNCH BREAK (cafeteria)**
14:30 - 15:30	Andrew Waldron - *Quantization from Contact Geometry*
15:30 - 16:00	**FAREWELL COFFEE (in hall adjacent to the conference room)**