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 LieInfinity 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)