Programme on
“Higher Spins and Holography”
March 11 – April 5, 2019
organized by
Andrea Campoleoni (U Mons), Stefan Fredenhagen (U Vienna), Matthias R. Gaberdiel (ETH Zurich), Daniel Grumiller (TU Vienna), Mikhail A. Vasiliev (Lebedev Inst. Moscow)

Workshop Week
March 18 – March 22, 2019

- Monday, March 18, 2019
  09:15 – 09:30 Opening
  09:30 – 10:30 Bo Sundborg
  *Field theory compositeness, holographic gravity and higher spins*
  10:30 – 11:00 Coffee / Tea break
  11:00 – 12:00 Euihun Joung
  *Conformal Higher Spin Theory: Linear spectrum=Symmetry*
  12:00 – 14:00 Lunch break
  14:00 – 15:00 Dario Benedetti
  *Bilocal effective action for tensor models*
  15:00 – 15:30 Coffee / Tea break
  15:30 – 16:30 Dmitry Ponomarev
  *On quantum correction in higher spin gravities*

- Tuesday, March 19, 2019
  09:30 – 10:30 Alejandra Castro
  *3D gravity, Chern-Simons theory, and Wilson lines*
  10:30 – 11:00 Coffee / Tea break
  11:00 – 12:00 Yurii Zinoviev
  *Massive higher spin supermultiplets in AdS4*
  12:00 – 14:00 Lunch break
  14:00 – 15:00 Stéphane Detournay
  *Anti anti-de Sitter black holes*
  15:00 – 15:30 Coffee / Tea break
  15:30 – 16:30 Predrag Dominis Prester
  *Higher spins with the Moyal product?*
• **Wednesday, March 13, 2019**
  09:30 – 10:30 Dmitri Sorokin
  *Can Chern-Simons or Rarita-Schwinger be a Volkov-Akulov Goldstone?*
  10:30 – 11:00 Coffee / Tea break
  11:00 – 12:00 Yasuaki Hikida/Takahiro Uetoko
  *Rectangular W-algebras, extended higher spin gravity and dual coset CFTs*
  12:00 – 13:30 Lunch break
  13:30 – 14:00 Optional: Guided tour at the priest seminary – ring the bells!
  14:00 – 15:00 Rakibur Rahman
  *Massive and Massless Higher-Spin Fields in Nontrivial Backgrounds*
  15:00 – 15:30 Coffee / Tea break
  15:30 – 16:30 Lorenz Eberhardt
  *Tensionless strings on AdS3*
  18:15 – Conference Dinner

• **Thursday, March 14, 2019**
  09:30 – 10:30 Mikhail Vasiliev
  *Higher-Spin Theories and Spin Locality*
  10:30 – 11:00 Coffee / Tea break
  11:00 – 12:00 Tomáš Procházka
  *W-symmetry and instanton R-matrix*
  12:00 – 14:00 Lunch break
  14:00 – 15:00 Marc Henneaux
  *Asymptotic symmetries of electromagnetism and gravity: a Hamiltonian study*
  15:00 – 15:30 Coffee / Tea break
  15:30 – 16:30 Nicolas Delporte
  *TBA*

• **Friday, March 15, 2019**
  09:30 – 10:30 Massimo Taronna
  *Exchange Amplitudes and the Bootstrap*
  10:30 – 11:00 Coffee / Tea break
  11:00 – 12:00 Jung-gi Yoon
  *TBA*
  12:00 – 14:00 Lunch break
  14:00 – 15:00 David de Filippi
  *Observables and boundary conditions in Vasiliev’s higher spin gravity*
  15:00 – 15:30 Coffee / Tea break
  15:30 – 16:30 Thomas Basile (TBC)
  *TBA*

All talks take place at ESI, Boltzmann Lecture Hall!