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
  09:00 – 09:30 Opening & Registration
  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 AdS$_4$*
  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 20, 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 21, 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
Tensor Models: Looking for RG fixed points in d > 1

• Friday, March 22, 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
Chaos in Three-dimensional Higher Spin Gravity
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

All talks take place at ESI, Boltzmann Lecture Hall!