

Miniworkshop on Geometry and Mechanics (Antwerp, May 30–31 2022)

This is the **preliminary schedule**. All lectures, except the defense, will take place in **room G.005**.

Monday May 30, 2022:

[10:00–11:00] **David Saunders**: *Linearizing connections – the jet approach.*

[11:10–12:10] **Marco Zambon**: *Multisymplectic observables and higher Courant algebroids.*

[12:10–16:00] Lunch break.

[16:00 – 18:00] (in **G.010**). **Sándor Hajdú**: *Jacobi fields, conjugate points and nonlinear splittings in Finsler geometry and related fields.*

[18:00 – ...] Welcome drinks.

Tuesday May 31, 2022:

[10:00–11:00] **Geoff Prince**: *Covariant derivatives for Ehresmann connections.*

[11:10–12:10] **David Martín de Diego**: *Retraction maps and symplectic integration.*

[12:10–14:20] Lunch break.

[14:30 – 15:30] **Zoltan Muzsnay**: *Almost all Finsler metrics have infinite-dimensional holonomy group.*

[15:40 – 16:40] **Marta Farré Puiggalí**: *Forced mechanical systems preserving first integrals.*