

Symplectic Dynamics Beyond Periodic Orbits

Lorentz Center, Leiden, 15-19 August 2022

Preliminary workshop program

Monday 15 August 2022

09:30 – 10:00	Welcome, office assignment and coffee in the Lorentz Center
10:00 – 10:15	Introduction by the manager of the Lorentz Center
10:15 – 11:00	Discussion of workshop goals
11:15 – 12:00	Başak Gürel: <i>Topological entropy, barcodes and Floer theory</i>
12:00 – 14:00	Lunch break/free time/discussion
14:00 – 15:00	Short Presentations
15:00 – 15:30	Coffee and tea break
15:30 – 16:15	Matthias Meiwes: <i>Topological entropy and the Hofer metric</i>
16:30 – 17:30	Q&A session of the speakers with the PhD students
17:30 –	Wine and cheese party

Tuesday 16 August 2022

10:00 – 10:45	Marco Mazzucchelli: <i>Existence of global surfaces of section for Reeb flows of closed contact 3-manifolds</i>
10:45 – 11:15	Coffee and tea break
11:15 – 12:00	Anna Florio: <i>Universal dynamics in 3D stationary Euler flows</i>
12:00 – 14:00	Lunch break/free time/discussion

14:00 – 15:00 **Short presentations**
15:00 – 15:30 Coffee and tea break

15:30 – 16:15 **Otto van Koert: TBA**

16:30 – 17:30 Q&A session of the speakers with the PhD students
17:30 – Free time/discussion

Wednesday 17 August 2022

10:00 – 10:45 **Yaron Ostrover: *Symplectic balls and p -products***

10:45 – 11:15 Coffee and tea break

11:15 – 12:00 **Eva Miranda: *From Hamiltonian Dynamics to Poisson Dynamics and back***

12:00 – 14:00 Lunch break/free time/discussion

14:00 – 15:00 **Work in groups**

15:00 – 15:30 Coffee and tea break
15:30 – 16:00 Q&A session of the speakers with the PhD students
16:00 – 17:30 Free time/discussion

17:30 Bus leaves to the restaurant
18:00 – Workshop dinner

Thursday 18 August 2022

10:00 – 10:45 **Daniel Cristofaro-Gardiner: *The group of area-preserving homeomorphisms of the two-disc***

10:45 – 11:15 Coffee and tea break

11:15 – 12:00 **Felix Schlenk: *Pinwheels as Lagrangian barriers, and the Lagrange spectrum below 3***

12:00 – 14:00 Lunch break/free time/discussion

- 14:00 – 15:00 **Gabriele Benedetti:** *A bi-invariant Lorentz-Finsler metric on the group of orientation-preserving diffeomorphisms of the circle*
- 15:00 – 15:30 Coffee and tea break
- 15:30 – 16:00 Q&A session of the speakers with the PhD students
- 16:00 – Free time/discussion

Friday 19 August 2022

- 10:00 – 10:45 **Leonid Polterovich:** *Courant, Bezout, and persistence*
- 10:45 – 11:15 Coffee and tea break
- 11:15 – 12:00 **Concluding discussion**
- 12:00 – 14:00 Lunch in the common room
- 14:00 – 15:00 Coffee/Free time/Discussion