

**Online Workshop on
“Higher Structures”
August 17 - August 21, 2020**

**of the Thematic Programme
“Higher Structures and Field Theory”
August 2 - September 25, 2020**

organized by

Anton Alekseev (U Genève), Stefan Fredenhagen (U Vienna), Nicolai Reshetikhin (UC, Berkeley), Thomas Strobl (U Lyon), Chenchang Zhu (U Göttingen)

- **Sunday, August 16th, 2020**

18:00 – 18:30 **Zoom Testing**

- **Monday, August 17th, 2020**

14:30 – 15:00 **Zoom Testing**

15:00 – 15:45 **Ezra Getzler**

Gluing local gauge conditions in BV quantum field theory

16:00 – 16:45 **Kenji Fukaya**

Equivariant Lagrangian Floer theory

17:00 – 17:45 **Thomas Willwacher**

Automorphisms of rationalizations of the little n -disks operads

18:00 – 18:45 **Breakout sections of the three speakers**

- **Tuesday, August 18th, 2020**

15:00 – 15:45 **Nathalie Wahl**

Infinity operads: an example.

16:00 – 16:45 **Nick Rozenblyum**

TBA

17:00 – 17:45 **Florian Naef**

TBA

18:00 – 18:45 **Breakout sections of the three speakers**

- **Wednesday, August 19th, 2020**

15:00 – 15:45 **Xiaomeng Xu**

Stokes phenomenon and Knizhnik–Zamolodchikov equations

16:00 – 16:45 **Travis Schedler**

TBA

17:00 – 17:45 **Andre Henriques**

Representation theory for unitary fusion categories.

18:00 – 19:00 **Breakout sections of the three speakers**

- **Thursday, August 20th, 2020**

15:00 – 15:45 **Madeleine Jotz-Lean**

TBA

16:00 – 16:45 **Claudia Scheimbauer**

TBA

17:00 – 17:45 **Adrian Brochier**

Topological field theories, quantum character varieties and the Riemann–Hilbert correspondence.

18:00 – 18:45 **Breakout sections of the three speakers**

- **Friday, August 21st, 2020**

15:00 – 15:45 **Konrad Waldorf**

2-vector bundles, with applications to spin geometry and twisted K-theory

16:00 – 16:45 **Pavol Severa**

TBA

17:00 – 17:45 **Boris Tsygan**

TBA

18:00 – 18:45 **Breakout sections of the three speakers**

All talks take place at Erwin Schrödinger Institute - virtual!