ARRANGEMENTS IN TICINO 2022
SCHEDULE

1. Monday

8:30 **Christopher Eur (Harvard)**. *Tautological classes of matroids*

9:30 Coffee break

10:00 **Alessio D'Alì (Osnabrück)**. *An introduction to symmetric edge polytopes*

11:00 Lightning-round posters (part 1) and poster presentation.

Lunch break

14:00 **Giovanni Gaiffi (Pisa)**. *Bases for the cohomology of compactifications of toric arrangements and their combinatorial properties.*

Coffee break.

15:30 **Nir Gadish (Michigan)**. *Applications of polynomiality in compact support cohomology of configurations on graphs.*

2. Tuesday

8:30 **Roberto Pagaria (Bologna)**. *The S_n-action on the Orlik-Terao algebra of type A_{n-1}*

9:30 Coffee break

10:00 **Tan Nhat Tran (Bochum)**. *Arrangements arising from digraphs and freeness of arrangements between Shi and Ish*

11:00 **Gerhard Röhrle (Bochum)**. *Inductive Freeness of Ziegler's Canonical Multiderivations*

Lunch break

14:00 **Michael Cuntz (Hannover)**. *On connected Subgraph arrangements*

Coffee break.

15:30 **Graham Denham (Western Ontario)**. *Geometry of log derivations on arrangements*

3. Wednesday

9:00 **Jon McCammond (UC Santa Barbara)**. *Dual Braids and the Braid Arrangement*

10:00 **Patricia Commins (Minnesota)**. *Invariant Theory of Left-Regular Band Algebras*

11:00 **Luca Moci (Bologna)**. *On the cohomology of arrangements of subtori*

Free afternoon.

Social dinner (grotto Raffael, Losone)

4. Thursday

This day's talks will take place in Lugano, at USI-SUPSI East Campus (see conference website for maps). Trains to Lugano depart at 8:25 or 8:55 from Locarno train station (line S80). You do not need a ticket if you get the (free) Ticinoticket from your hotel.

10:00 **Mario Salvetti (Pisa)**. *The $K(\pi, 1)$-conjecture, part 1*

11:00 **Giovanni Paolini (Amazon/Caltech)**. *The $K(\pi, 1)$-conjecture, part 2*

Lunch break

14:00 **Daniel C. Cohen (Louisiana State)**. *An introduction to topological complexity of motion planning*

15:00 **Caitlin Lienkaemper (Penn State)**. *Combinatorial Geometry in Neuroscience*

Break

16:30 **Henry Schenck (Auburn)**. *Data meets Topology: an invitation to persistent homology*

Reception.

5. Friday

8:30 **Michael Falk (Northern Arizona University)**. *Hypergraphs and Orlik-Solomon algebras*

9:30 Coffee break

10:00 **Galen Dorpalen-Barry (Bochum)**. *Varchenko-Gel'fand Ring for Weyl Cones*

11:00 **Lukas Kühne (Bielefeld)**. *Matroids and Algebra*

Lunch break

14:00 **Clément Dupont (Montpellier)**. *Geometry of algebraic Mellin transforms.*

15:00 **Alex Suciu (Northeastern University)**. *Arrangements and lower central series*