

# From Subfactors to Quantum Topology - In memory of Vaughan Jones

June 27<sup>th</sup> – July 1<sup>st</sup>, 2022

University of Geneva (Uni Dufour - Auditorium U300 – Charles Rouillier)

## Monday, June 27

---

10:00-11:00	<b>Alain Connes, TBA</b>
11:00-11:30	<b>Coffee Break</b>
11:30-12:30	<b>Dietmar Bisch</b> , “Planar algebras, noncommutativity and hyperfinite subfactors”
	<b>Lunch Break</b>
14:30-15:30	<b>David Evans</b> , “The search for the exotic in Subfactors and Conformal Field Theory”
15:30-16:00	<b>Coffee Break</b>
16:00-17:30	<b>Special program: friends and memories of Vaughan, music</b>
17:30-20:00	<b>Cocktail Reception</b>

## Tuesday, June 28

---

09:30-10:30	<b>Christian Blanchet</b> , “From Jones relation to representations of Mapping Class Groups “
10:30-11:00	<b>Coffee Break</b>
11:00-12:00	<b>Helen Wong</b> , “Skein algebra of a punctured surface”
	<b>Lunch Break</b>
13:30-14:30	<b>Cameron Gordon</b> , “The ADE link conjecture”
14:30-15:00	<b>Coffee Break</b>
15:00-16:00	<b>Mikhail Khovanov</b> , “Facets of Temperley-Lieb algebra”



FOLLOW US!

### Wednesday, June 29

---

09:30-10:30	<b>Jean-Claude Hausmann</b> , <i>"The cell dispensibility problem for spaces and manifolds"</i>
10:30-11:00	<b>Coffee Break</b>
11:00-12:00	<b>Martin Bridson</b> , <i>"Knot my problem: looking for rigidity in group theory"</i>
	<b>Lunch Break</b>
Afternoon Activity	<b>Salève hike "as Vaughan liked it" (if weather permits)</b>

### Thursday, June 30

---

09:30-10:30	<b>Paul Wedrich</b> , <i>"On skein theory in dimension four"</i>
10:30-11:00	<b>Coffee Break</b>
11:00-12:00	<b>Lisa Piccirillo</b> , <i>"4-manifolds with boundary and fundamental group <math>Z</math>"</i>
	<b>Lunch Break</b>
13:30-14:30	<b>Dror Bar-Natan</b> , <i>"Cars, Interchanges, Traffic Counters, and a Pretty Darned Good Knot Invariant"</i>
14:30-15:00	<b>Coffee Break</b>
15:00-16:00	<b>Hans Wenzl</b> , <i>"Braids, Dualities and more subfactors"</i>

### Friday, July 1

---

09:30-10:30	<b>Pavel Safronov</b> , <i>"Skein modules for generic quantum parameters"</i>
10:30-11:00	<b>Coffee Break</b>
11:00-12:00	<b>Aaron Lauda</b> , <i>"Lattice models arising from non-semisimple TQFT"</i>

