

### **Monday 7.9.**

08:45-09:45: Registration & coffee

09:45-10:00: Opening

*Chair: Renato Renner*

10:00-11:00: **Jonathan Oppenheim**

11:00-12:00: **Lorenzo Maccone** Quantum time

12:00-14:00: Lunch

*Chair: Ognyan Oreshkov*

14:00-15:00: **Mauro D'Ariano** Relativity Principle without Space-Time

15:00-16:00 **Ivette Fuentes**

16:00-18:00: *Poster session & Welcome apero*

### **Tuesday 8.9.**

09:00-09:15: morning coffee

*Chair: Stefan Wolf*

09:15-10:15: **Nicolas Gisin** Time really passes. Science can't deny that

10:15-11:15: **Thomas Pashby** Understanding Event Time Observables

11:15-11:45: coffee break

11:45-12:45: **Juerg Froehlich** Esquisse d'un programme

12:45-14:30: Lunch

*Chair: Dominik Janzing*

14:30-15:30: **Tony Short**

15:30-16:30: **Sandu Popescu**

17:00-18:00: **Serge Haroche**, Bernays lecture, ETH HG F3

### **Wed 9.9**

09:00-09:15: morning coffee

*Chair: Mauro D'ariano*

09:15-10:15: **Časlav Brukner** Detecting indefinite causal orders in quantum physics

10:15-11:15: **Roger Colbeck**

11:15-11:45: coffee break

11:45-12:45: **Ruediger Schack** Time and causality in QBism

12:45-14:30: Lunch

*Chair: Roger Colbeck*

14:30-15:30: **Ognyan Oreshkov** Operational quantum theory without predefined time

15:30-16:30: **Dominik Janzing**

19:00-23:00: *Conference dinner – Dozentfoyer ETH*

### **Thu 10.9**

09:00-09:15: morning coffee

*Chair: Časlav Brukner*

09:15-10:15: **Paul Davies**

10:15-11:15: **Paolo Perinotti**

11:15-11:45: coffee break

11:45-12:45: **Bryan Roberts**

12:45-18:00: *Group picture, lunch & afternoon hike*

### **Fri 11.9**

09:00-09:15: morning coffee

*Chair: Lorenzo Maccone*

09:15-10:15: **Julian Barbour** Time's Arrow and the Entropy of the Universe

10:15-11:15: **Stefan Wolf** Causality, Consistency, Complexity

11:15-11:45: coffee break

11:45-12:45: **Vlatko Vedral**

12:45-13:00: *Closing remarks*

13:00-: Lunch & leave