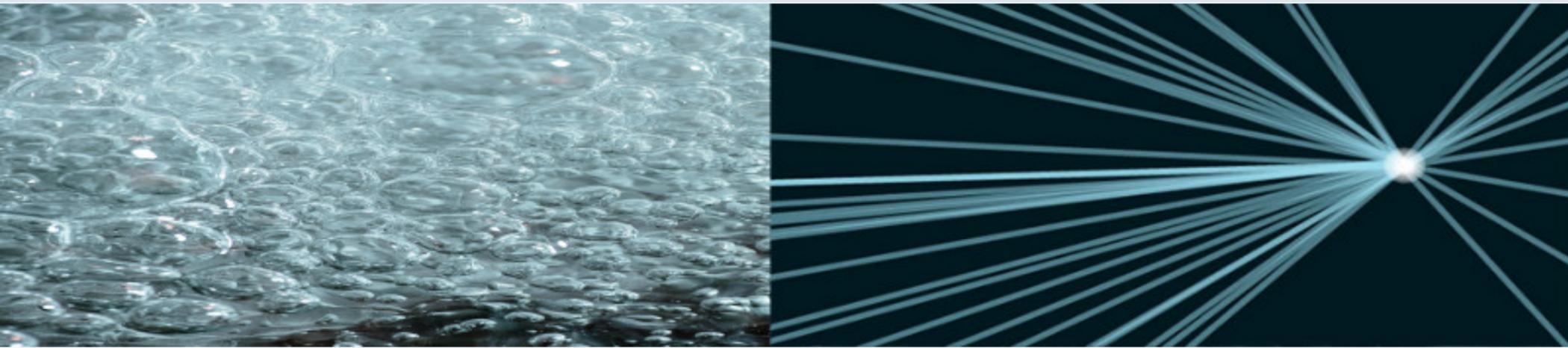


# *Theoretical physics courses*



## 2019 – 2020 schedule

### **Lorentzian methods in conformal field theory\***

*Slava Rychkov (IHES & ENS)*

27 September and 4, 11, 18 October 2019

### **Topological phases of matter**

*Cristina Bena (IPhT) and Thierry Jolicoeur (IPhT)*

8, 15, 22, 29 November and 6, 13 December 2019

### **Exploring high-energy physics with jets**

*Gregory Soyez (IPhT)*

10, 17, 24, 31 January and 7 February 2020

### **Resurgence methods and applications**

*Ricardo Schiappa (IST, Lisbon University)*

13, 20, 27 March and 3 April 2020

### **The analytic S-matrix**

*Alexander Zhiboedov (CERN)*

April–May 2020

### **Gravitational waves in a nutshell**

*Michele Vallisneri (JPL & IPhT)*

5, 12, 19, 26 June and 3 July 2020

All IPhT courses are eligible as in-depth training for the Doctoral School ED-PIF.

\* IPhT-IHES common course.

