

## Benasque 2023 workshop

The LHC Precision Program

Oct 1-7, 2023

<https://www.benasque.org/2023lhc/>

The workshop is approaching and we are looking forward to exciting discussions in Benasque. You must have received an official acceptance letter from the Benasque secretaries. Some actions were needed on your side to confirm your participation and to book your accommodation. In case you haven't done it yet, please act as soon as possible, in particular, to secure your accommodation (if your travel plans have changed or you cannot participate in the workshop any longer, please let the secretaries - and us - know too!).

As a first bulletin, here is some updated information about the workshop:

1. The schedule will remain deliberately light and we are planning three invited talks per day that should serve as seeds to lively discussions. A tentative (and still evolving) timetable layout is attached below. Every morning, light coffee/tea/juice will be served at 10:00 as a warm-up to the morning discussions. The organized activities will start at 10:30am.
2. We have identified a list of topics we thought could be interesting to address:
  - Bounds from non-collider experiments
  - Entanglement at the LHC
  - Flavour opportunities Global EFT fits
  - Machine learning for EFT
  - On-shell methods
  - Precision measurements at HL-LHC
  - Precision with energy correlators
  - Theoretical constraints on amplitudes
  - ...

This list is certainly not exhaustive and we invite you to drop us an email in case you want to add anything to this list. There could be talks associated to each of these topics or some special discussion sessions can be organised in the afternoon.
3. The center offers plenty of office rooms and open space for informal discussions and collaborative work, which is the primary goal of this workshop. You can find some pictures about the center here.
4. In addition, there will be time available in the afternoons for a few spontaneous talks by those of you who are interested in presenting some results. Please contact us by email.

On the logistic side (see the [webpage](#) for details):

- a bus ride is be organized on Sunday Oct. 1 afternoon from Barcelona airport to Benasque (with a departure around 3:30pm). You need to book a seat if you plan to board this bus.
- there will be a return bus from Benasque to Barcelona on Saturday Oct 7 morning (expected to arrive at the airport around 1:30pm). You need to book a seat too.
- thanks to the financial support from IFAE, a small reception (Spanish pica-pica) will be organised on Monday Oct. 2 and a farewell drink party on Friday Oct. 6.
- there is no lunch/dinner service at the science center but there are many restaurants nearby offering good food (and wine) for a reasonable price.

See you soon in the Spanish Pyrenees,  
Andrea, Aurelio, Christophe, Josh and Maria

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<b>Benasque workshop 2023</b>					
	Mon 02.10	Tue 03.10	Wed 04.10	Thu 05.10	Fri 06.10
10:00-10:30	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE
10:30-13:00	<b>Topic #1</b> talk #1 talk #2 talk #3	<b>Topic #2</b> talk #1 talk #2 talk #3	<b>Free/ Hikes</b> (weather permitting)	<b>Topic #3</b> talk #1 talk #2 talk #3	<b>Topic #4</b> talk #1 talk #2 talk #3
13:00-15:00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
15:00-17:00	<b>informal discussions</b>	<b>informal discussions</b>	<b>informal discussions</b>	<b>informal discussions</b>	<b>informal discussions</b>
16:30-17:00	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE
17:00-18:00	<b>contributed talks/topical discussion</b>	<b>contributed talks/topical discussion</b>	<b>contributed talks/topical discussion</b>	<b>contributed talks/topical discussion</b>	<b>contributed talks/topical discussion</b>
	Welcome reception 19:00-21:00				Farewell drink 18:00-21:00