

## NETWORKING TOOL DETAILS

### Networking Tool description

The Baltic school of High-Energy Physics and Accelerator Technologies 2020 will take place on the second week of August and will be hosted by the Riga Technical University (RTU). This will be a highly-intensive week-long school aimed at the doctoral and graduate masters' students; the school will focus on the students from the Baltic region, but will be advertised to and open for a wider community via posters at CERN and promotion online.

This school is organised by the CERN Baltic Group (CBG) – a consortium of eight institutions from the three Baltic states – Estonia, Latvia and Lithuania. The school is foreseen to become an annual event, with the hosting duties rotating between the Baltic countries. Each of the member institutions have agreed to guarantee the attendance of a minimum of 2 students, bringing the minimum expected attendance to 16 students, with the expected maximum of 30 and the maximum capacity at 40.

This year's event will be hosted by the RTU, which will partially cover the accommodation costs for the event through it being organised at a camping part-owned by the university at a discounted rate; furthermore, the university will cover part of the local organising costs not covered by COST.

The school will provide lectures and discussion sessions on QFT, QED, QCD, SM and BSM physics, detector and accelerator technologies, experimental methods and, crucially, precision physics at the LHC. The school has already attracted prominent lecturers, such as John Ellis and Yuri Dokshitzer, with the remaining lecturers to be contacted in due course.

This school is the **first** such event in the Baltic States and will play a **huge and invaluable role in developing the high-energy physics community in the region.**

## Networking Tool Output

The output of this event will be, predominantly, the invaluable investment in the high-energy physics in the region. This event is expected to immensely improve the recruitment of young and talented researchers into the field of particle physics and accelerator technologies.

More tangibly, the output of this school will consist of a set of freely available lecture notes prepared as part of the lectures, which will be continuously and incrementally improved upon over the future editions of the school.

Furthermore, a report will be prepared on the school afterwards, which will focus on evaluating the successes of the event and its impact on the high-energy physics community in the region, as well as on identifying any shortcomings in order for those to be improved upon for future editions. The report will also include the results of a feedback survey filled by the participants.

## TRAINING SCHOOL DETAILS

<b>Title *:</b>	Baltic School of High-Energy Physics and Accelerator Technologies 2020
<b>Start date and time *:</b>	Morning of the 10 <sup>th</sup> of August, 2020
<b>End date and time *:</b>	Afternoon of the 14 <sup>th</sup> of August, 2020
<b>City *:</b>	Klapkalnciems, 50km west of Riga
<b>Country *:</b>	Latvia
<b>Number of Trainers *:</b>	8
<b>Trainers to be reimbursed:</b>	8
<b>Number to Trainees *:</b>	30
<b>Trainees to be reimbursed:</b>	30
<b>TOTAL contribution from COST</b>	<b>18'650 EUR</b>

**DETAILS ON THE TOTAL CONTRIBUTION FROM COST**

<b>LOCAL ORGANISER SUPPORT</b>	
Modality 1: lump sum of up to EUR 20 per participant/day. Maximum of 5000 EUR	4'000 EUR
Modality 2: expenses justified against amounts detailed on invoices. Maximum of 10000 EUR	
<b>REIMBURSEMENT COSTS PER TRAINER</b>	Trainers can be reimbursed for their travel, accommodation and meal expenses in line with the eligibility rules of the other meetings.
<b>Accommodation:</b> Number of nights meeting days + 1	6 nights
Cost per night* default is 120 EUR, consider to reduce the flat rate to cover more participants	Approx. 60
<b>Meals:</b> Number of meals not included in LOS	6 per trainer
Cost per meal default is 20 EUR	15
<b>Transportation Expenses:</b> Cost per Trainer this is an average estimate	350
<b>TOTAL FOR TRAINERS</b>	<b>6'400 EUR</b>
<b>REIMBURSEMENT COSTS PER TRAINEES</b>	Trainees are entitled to receive a fixed grant. Grants do not necessarily cover all expenses. Different amounts can be attributed to each trainee.
Reimbursement per Trainee	Average of 275 EUR
<b>TOTAL FOR TRAINEES</b>	<b>8'250 EUR</b>
<b>TOTAL: LOS+TRAINERS+TRAINEES</b>	<b>18'650 EUR</b>