



RIGA TECHNICAL  
UNIVERSITY

Centre of High-Energy Physics and  
Accelerator Technologies

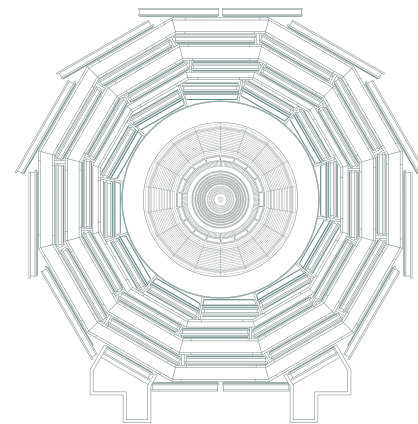
# Baltic School 2021 update

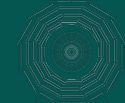


CERN Baltic Group

**Kārlis Dreimanis**

03.06.2021





# Recap



- Week-long, intensive school covering the fundamentals of particle physics and accelerator science/technology: <https://indico.cern.ch/event/1029085/>
- Details:
  - Time: 02.-06. August, 2021;
  - Location: "Ronīši" camping, LV;
  - Host: RTU;
  - Registration deadline - 25th of June;
  - Current COST budget - 16.3k Eur;
- Agreed to plan for 30 participants with an absolute maximum of 40;
- Agreed that we guarantee 2 spots per CBG partner institute ( $9 \times 2 = 18$ );
- Agreed to give priority to students who applied in 2020;
- Agreed to prioritise COST Eligible students;



- Only PhD students or research personnel employed by an institute from a COST eligible country are eligible for the reimbursement;
- Only countries that have signed the [MoU](#) for CA16201 - PARTICLEFACE;
  - Note, this excludes even some European countries, such as Bulgaria;
- Participants not COST Eligible would not be able to have any costs reimbursed nor would their participation count towards the total number of participants from which LOS is calculated;



# Current Registrees (CBG)



Institute	Country	No. of registrees
Tallinn University of Technology	EE	1
Tartu University	EE	0
National Institute of Chemical Physics and Biophysics	EE	3
Riga Technical University	LV	6
Riga Stradins University	LV	0
University of Latvia	LV	2
Kaunas University of Technology	LT	3
Vilnius University	LT	2
Vytautas Magnus University	LT	0

**Total: 17**



# Current Registrees (total)



- We have had an [almost too] amazing response to the call for registrations!
- At present time:
  - Total registered: 61;
  - COST Eligible: 32;
- We have almost reached our current plausible maximum capacity!

- The accommodation booked for housing the students/trainees consists of twelve 4-bed holiday bungalows:



- Due to potential covid protocols as well as general convenience,  
We want to limit the total number of participants to  $12 \times 3 = 36$  students/trainees!



# Lecture room











# Programme

- The current updated-for-2021 programme:
- 12 x 90min lecture blocks and 4 x 90min discussion sessions;
- The latter might mutate slightly into different teaching activities by the time of the school;
- *Free time* on Tuesday will be taken up by an optional and less formal lecture on Dark Matter Searches at LHC;
- *Free time* on Thursday will have some optional networking/fun/sports activities;

Time	Monday	Tuesday	Wednesday	Thursday	Friday
07:00		Breakfast			
...					
08:15					
08:30					
08:45					
09:00	Arrival and registration	DS I (90 mins)	DS II (90 mins)	DS III (90 mins)	DS IV (90 mins)
09:15					
09:30					
09:45					
10:00		Coffee	Coffee	Coffee	Coffee
10:15					
10:30					
10:45					
11:00	Introduction	LB IV (90 mins)	LB VII (90 mins)	LB X (90 mins)	Close (90 mins)
11:15					
11:30	LB I (90 mins)				Organised departure to Riga
11:45					
12:00					
12:15		Lunch	Lunch	Lunch	
12:30					
12:45					
13:00					
13:15	Lunch		LB VIII (90 mins)		
13:30					
13:45					
14:00					
14:15	LB II (90 mins)	LB V (90 mins)	Coffee	LB XI (90 mins)	
14:30					
14:45					
15:00		Coffee	LB IX (90 mins)	Coffee	
15:15					
15:30	Coffee break				
15:45		LB VI (90 mins)	<i>Free time</i>	LB XII (90 mins)	
16:00					
16:15	LB III (90 mins)				
16:30					
16:45					
17:00					
17:15			Keynote speaker		
17:30					
17:45	<i>Free time</i>	<i>Free time</i>		<i>Free time</i>	
18:00					
18:15					
18:30					
...	Welcome event				
...			School dinner		
23:00					

Broadly speaking:

**QFT, QED, QCD;**

**SM, BSM;**

**Basics of MC, MC&NLO, jet substructure;**

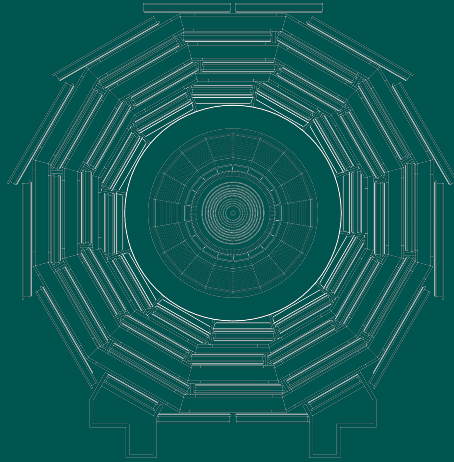
**Accelerator physics & technologies;**



# Points-to-discuss



1. Are we happy with the current selection cut-flow(?):
  - 1.1. Priority: all COST eligible candidates from the 202 applicants;
  - 1.2. Candidates from the CBG institutes (up to 18);
  - 1.3. COST Eligibility;
  - 1.4. Other valid candidates on first-come-first-serve;
  - 1.5. Maximum of 36 students/trainees;
2. Are we happy to redistribute the 18 CBG spots among the institutes?  
(as it stands NICPB=3; RTU=6; KTU=3; TU=0; RSU=0; VMU=0);
3. Would the group like to be involved in the selection of the candidates at stage 1.4, if applicable?
4. Are we happy with the overall programme?
5. Are we happy to close registration early **if** we get 36+ eligible candidates?
6. COST have unspent funds in GP4; is the group happy with us attempting to request COST funding to cover up to 36 trainees? (current number is 30);



# Discussion

# Accommodation for lecturers/trainers

