

2017 CERN-Fermilab Hadron Collider Physics Summer School

Welcome

On behalf of local organizing committee:

- Brian Petersen (CERN, co-chair)
- Peter Richardson (CERN/IPPP, co-chair)
- Fabrizio Caola (CERN/IPPP)
- Nick Ellis (CERN)
- Jan Fiete Grosse-Oetringhaus (CERN)
- Daniel Johnson (CERN)
- Maurizio Pierini (CERN)
- Anna Sfyrla (Université de Genève)
- Patricia Mage-Granados (CERN)
- Kate Ross (CERN)

School Programme

Announcements at 9am just before lecture start

Lecture Slot	28th	29th	30th	31st	1st	2nd	3rd	4th	5th	6th
	<i>Peter</i>	<i>Brian</i>	<i>Anna</i>	<i>Jan Fiete</i>	<i>Jan Fiete</i>	<i>Michele</i>		<i>Dan</i>	<i>Fabrizio</i>	<i>Dan</i>
9:00-10:00	Registration EW 1/3 <i>A Pich</i>	EW 2/3 <i>A Pich</i> Coffee Break	EW 3/3 <i>A Pich</i> Coffee Break	BSM Theory 2/3 <i>J Shelton</i> Coffee Break	BSM Theory 3/3 <i>J Shelton</i> Coffee Break	Detectors 3/3 <i>L Musa</i> Coffee Break	Trip to Annecy	Collisions 1/2 <i>V Gligorov</i> Coffee Break	Collisions 2/2 <i>V Gligorov</i> Coffee Break	Flavour 3/3 <i>M-H Shune</i> Coffee Break
10:30-11:30	Coffee Break QCD 1/3 <i>B Webber</i>	QCD 2/3 <i>B Webber</i>	BSM Theory 1/3 <i>J Shelton</i>	Accelerators 1/2 <i>R Steerenberg</i>	Heavy Ions 1/3 <i>A Kalwelt</i>	Accelerators 2/2 <i>R Steerenberg</i>		Heavy Ions 3/3 <i>A Kalwelt</i>	BSM Exp 2/2 <i>M Spiropulu</i>	Higgs Exp 2/2 <i>L Fayard</i>
11:30-12:30	<i>B Webber</i> Statistics 1/3 <i>D Tonelli</i>	Statistics 2/3 <i>D Tonelli</i>	Statistics 3/3 <i>D Tonelli</i>	Precision 2/3 <i>R Hawkings</i>	Detectors 2/3 <i>L Musa</i>	Heavy Ions 2/3 <i>A Kalwelt</i>		Flavour 1/3 <i>M-H Shune</i>	Flavour 2/3 <i>M-H Shune</i>	Future <i>C Grojean</i>
12:30-14:00	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch		Lunch	Lunch	Lunch
14:00-15:00	<i>Ximo</i> Neutrinos <i>P Hernandez</i>	<i>Reina</i> Precision 1/3 <i>R Hawkings</i>	<i>Gionata</i> QCD 3/3 <i>B Webber</i>	<i>Michele</i> History <i>P Spicas</i>	<i>Kristof</i> Precision 3/3 <i>R Hawkings</i>	<i>Peter</i> Gravity Waves <i>G Gonzalez</i>		<i>Stefan</i> BSM Exp 1/2 <i>M Spiropulu</i>	<i>Ludovica</i> Higgs Exp 1/2 <i>L Fayard</i>	
15:00-16:45	Discussion	Discussion	Detectors 1/3 <i>L Musa</i>	Discussion	Discussion			Discussion	Discussion	
	Welcome Cocktail			BBQ					Cocktail Dinner	

- Lectures every day here in Preveessin, except Saturday which will be in Council Chamber at Meyrin site
- Four special lectures on topical subjects

Discussion Sessions

- Will have six discussion sessions, each lasting ~1.5 hours (as needed)
 - Important feature of the school
 - Opportunity to discuss the material of the lectures, bring up related topics and ask related questions
- Discussion sessions will be split in 7 groups
- Each group has an theorist and experimentalist discussion leader who will be present on all days
 - Lecturers will be circulating through discussion sessions, so can also ask them specific questions
 - Experts on heavy ions and heavy flavour physics on selected days

Discussion Group Allocations

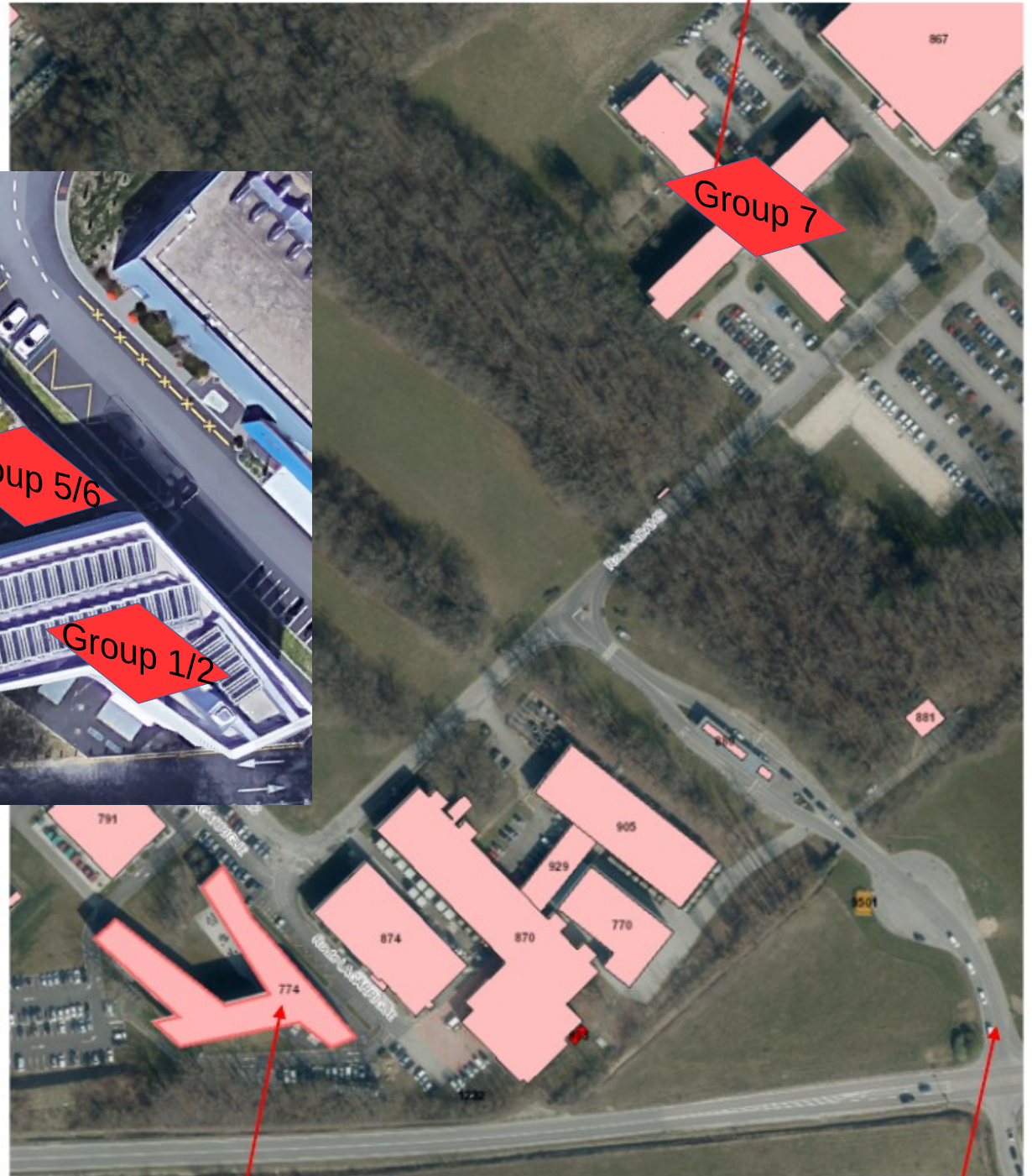
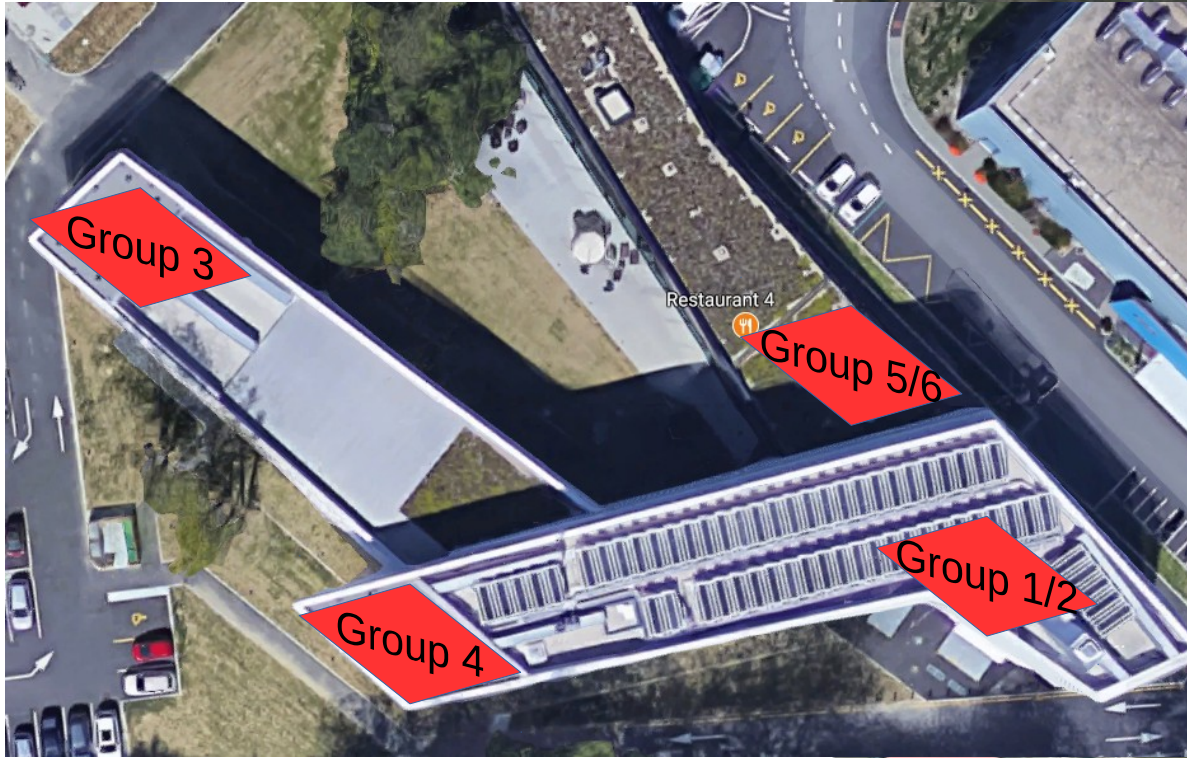
- Each of you have assigned to one of seven groups
 - Assignments listed online and on sheets on back wall
 - Please stay with your assigned group

	Room	Experimentalist	Theorist	Heavy Ions (1st and 4th)	Flavour (4th and 5th)
Group 1	774-1-014	Kristof Schmieden	Javier Serra Mari	Francesca Bellini	Marc-Olivier Bettler
Group 2	774-2-014	Ximo Poveda	Jacopo Ghiglieri		
Group 3	774-1-079	Ludovica Aperio	Yevgeny Kats	Marta Verweij	Agnieszka Dziurda
Group 4	774-2-058	Reina Camacho	Pier Monni		
Group 5	774 Open Space	Maria Cepeda	Peter Richardson	Leticia C. Mendez	Francesca Dordei
Group 6	774 Auditorium	Marco Peruzzi	Stephan Kallweit		
Group 7	866-1-A04	Michele De Gruttola	Gianata Luisoni		Sascha Stahl

- Note, restricted access to first and second floor, so please follow your discussion session leader or ask us to open
- Group 7 will have discussions in different building (next slide)

Room Map

Restaurant 3, Bank (ATM euros only), Discussion Group 7



Auditorium, Cafeteria, Discussion Groups 1 – 6

Main Entrance

Social Programme

- Tonight at 18:30: **Welcome drink**
 - In CERN restaurant 1
- Thursday from 17:30: **Barbecue**
 - At the corner of the Meyrin site near entrance A
 - Done thanks to the help of organizers and discussion leaders
 - (Will shift by a day if rain is forecast)
- Sunday: **Day trip to Annecy**
 - Bus transport provided to Annecy
 - Leaves at 10am from CERN hostel
- Next Tuesday (5 September at 19:00): **Cocktail dinner**
 - In CERN restaurant 1

Please sign up to social events on
sign-up sheet at the back wall

Practical Matters

- **Coffee breaks** in the morning in next door cafe
- **Lunch:** local cafe or walk to Restaurant 3
 - Can only pay in cash (euros) in cafe, while Restaurant 3 accepts swiss bills as well
 - ATM (euros) located at Restaurant 3
- **Dinner:** in Restaurant 1 or outside (tram/bus to Meyrin/Geneva/Saint Genis), Indian restaurant outside entrance A (walking distance)
- For people without CERN card, please use shuttle to enter/leave Preveessin and entrance B at Meyrin site
- Kate Ross and Kyriaki Fakourelis will be around all day and can help with any problems or questions

Final Remark

- Please give lectures and discussion sessions your full attention, i.e. leave laptops, phones, etc. in the bag
 - We have programme of exciting lectures prepared by world-class experts and engaged discussion session leaders
 - Take full advantage of being selected to this school
- You can check email/facebook/etc. in breaks, but do also take time to get to know your new colleagues

Enjoy the School