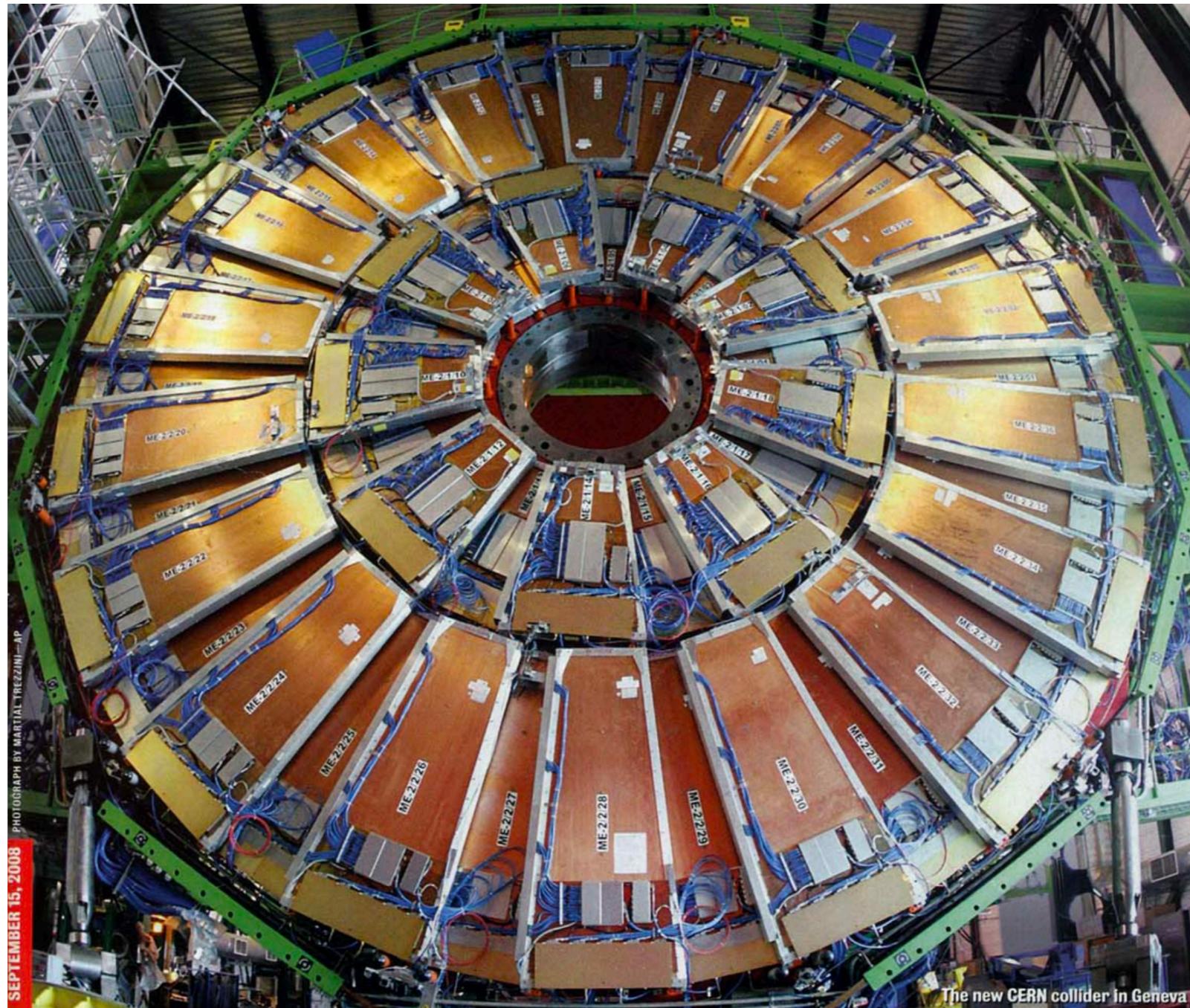
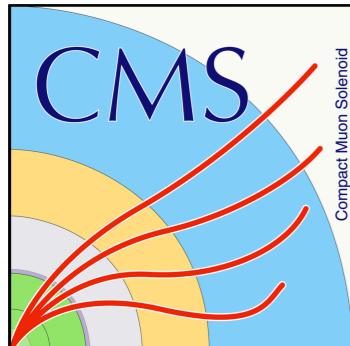


UF CMS Student Community (UFCSC)

Summer 2021 Edition



Neha Rawal
Jake Rosenzweig
John Rötter

2021-05-25

Outline:

- Welcome!
 - ▶ Meet the Organizers
 - ▶ Introduce Yourselves
- What is the UFCSC?
- Activities:
 - ▶ Weekly Meetings
 - ▶ Presentations
 - ▶ Mentoring
 - ▶ Summer Symposium
- Resources:
 - ▶ Slack
 - ▶ Spreadsheet Walkthrough
 - ▶ GitHub
- Polls

Meet the Organizers!



Jake



John



Neha

Meet the Organizers!



Jake



John



Neha

Now it's your turn!

The UFCSC:

- *What is the UF CMS Student Community?*
 - ▶ Volunteer grads/undergrad students who participate in a weekly particle physics forum.

- *Why should I join this forum?*
 - ▶ to learn particle physics
 - ▶ to practice giving presentations
 - ▶ to do particle physics research
 - ▶ to collaborate with *real* physicists
 - ▶ to solve *real* physics problems

- This community is made **for you, by you.**
 - ▶ *Your participation is crucial to your success.*

- *What activities will there be?*
 - ▶ Mentoring
 - ▶ Tutorials
 - ▶ Lectures
 - ▶ Presentations



Actual size of "CMS".

Mentoring:

- More experienced students paired with less experienced students:

Mentor → Mentee

Darin → Sean

Evan → Alejandro

Jake → Caeli

John → Pawan

Neha → Brian

Nik → Thai

Osvaldo → Amilqar

Suzanne → Haben

Mentor Responsibilities:

- ▶ Assign tasks to mentee to assist mentor with research.
- ▶ Be the first point of contact to your mentee.
- ▶ Assist mentee with programming and analysis questions.
- ▶ *Benefit:* Gain experience in leadership role.

Mentee Responsibilities:

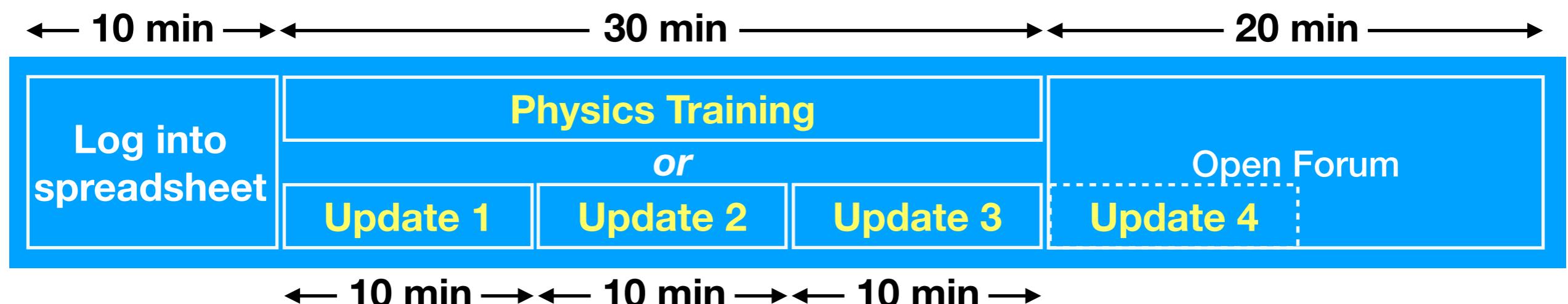
- ▶ Ask questions!
- ▶ Learn as much as you can: be a sponge.
- ▶ Keep a record of your research progress (UFCSC spreadsheet).
- ▶ *Benefit:* Present at the Summer Symposium (add to CV).

Meeting Format:

- Meet twice per week:

- **Tuesday:** 13:00-14:00
- **Thursday:** 17:00-18:00

- Daily Breakdown:



Log into spreadsheet:

- Research progress.
- Skills you're developing.
- New particle physics knowledge.
- What you want to learn.

Physics Training (PT):

- Lectures on CMS and particle phy.
- Tutorials on programming.
- Mentor-led.

Open Forum:

- Buffer time
- Q&A
- Open Discussion

Research Updates:

- Mentees give ≤ 10 min presentation on research progress.
- Show just a few slides.

Schedule:

- 2 kinds of days:
 - ▶ PT - *Physics Training*
 - ▶ Research Updates
- 10 Physics Trainings (PT)
- 8 Research Updates
- From June 17 onwards:
 - ▶ Mentees will present
 - \leq 10 min update every 2 weeks

2021 Summer Schedule:			
Date	Day	Activity	Topic
2021-05-25	T	Intro	
2021-05-27	R	Physics Training (PT)	
2021-06-01	T	PT	
2021-06-03	R	Update	Mentors 1-3 Jake, Neha, John
2021-06-08	T	Update	Mentors 4-7 Evan, Suz, Osvaldo, Nik
2021-06-10	R	PT	
2021-06-15	T	PT	
2021-06-17	R	Update	Mentee Group 1 Sean, Pawan, Amilqar
2021-06-22	T	Update	Mentee Group 2 Alex, Brian, Haben, Thai
2021-06-24	R	PT	
2021-06-29	T	PT	
2021-07-01	R	Update	Mentee Group 1
2021-07-06	T	Update	Mentee Group 2
2021-07-08	R	PT	
2021-07-13	T	PT	
2021-07-15	R	Update	Mentee Group 1
2021-07-20	T	Update	Mentee Group 2
2021-07-22	R	PT	
2021-07-27	T	PT	
2021-07-29	R	Update	Mentee Group 1
2021-08-03	T	Update	Mentee Group 2
2021-08-05	R/F	Summer Symposium!	
2021-08-06			End of semester

Summer Symposium:

- *Goal:* Showcase and summarize your summer research!
- 2-day symposium:
 - ▶ 3 mentees on day 1
 - ▶ 4 mentees on day 2
 - ▶ Maybe instead a 2.5 hr event...
 - ▶ Details still being worked out.
- Each mentee gives 20 min presentation:
 - ▶ 15 min lecture, 5 min Q&A
- *Reward:*
Looks good on your résumé!



Resources:



- Slack
 - ▶ Main communication channel.
 - ▶ Reply in thread.



- GitHub
 - ▶ Programming tips and tricks
 - ▶ Info about CERN:
 - ◆ Daily life, where to live, etc.
 - ◆ Favorite places to check out.



- UFCSC Spreadsheet
 - ▶ Document your research progress.

What are YOU interested in?