Session Program

27 May 2025 to 2 August 2025

USCMS Undergraduate Summer Internship 2025

Afternoon

WH11NW, Pileup

Tuesday 27 May

00	Afternoon Session Location: WH11NW, Pileup
	13:00-14:00 CMS Physics Overview
	Speaker Tulika Bose
	14:00-15:00 CMS Detector - a discovery tool
	Speaker Steve Nahn
	15:00-17:00 Entering Research
7:00	Speaker Chris Palmer

Wednesday 28 May

13:00 Afternoon: Afternoon Session

Session | Location: WH11NW, Pileup

13:00-14:30 Cohort building

Speakers Matthew Bellis, Sudhir Malik

Location Pileup

14:30-17:00

The UNIX Shell: A guide through the basics of the file systems and the shell

Speaker

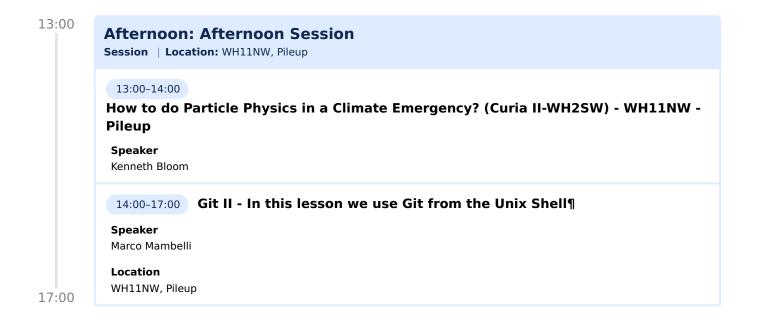
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Location

WH11NW, Pileup

17:30

Thursday 29 May



Friday 30 May

13:00	Afternoon: Afternoon Session Session Location: WH11NW, Pileup
	13:00-14:00 CMS Computing
	Speaker Andrew Malone Melo
	14:00-17:00 Python II: Building Programs with Python
17:00	Speaker Bruno Moreira Coimbra

Monday 2 June

13:00	Afternoon Session Location: WH11NW, Pileup
	13:00-14:00 Visit to Quantum Garage (IARC)
	Location Sidet
	14:15-17:15 Python for HEP
	Speaker Roy Cruz Candelaria
	Location WH11NW, Pileup

Tuesday 3 June

0	Afternoon Session Location: WH11NW, Pileup
	13:00-13:45 ROC Tour (WH Atrium)
	Location WH11NW, Pileup
	13:45-14:45 What is a jet? (Remote talk from CERN)
	Speaker Garvita Agarwal
	Location Fermilab, Pileup
	14:45-17:00 PyROOT and RDataFrame
	Speaker
	Xiaohe Shen
	Location WH11NW, Pileup

Wednesday 4 June

13:00	Afternoon Session Location: WH11NW, Pileup
	13:00-14:00 Calorimeters current and future Speaker Grace Cummings
17:00	14:00-17:00 Machine Learning Exercises Speaker Arghya Chattopadhyay

Thursday 5 June

13:00	Afternoon Session Location: WH11NW, Pileup
17:00	13:00-14:00 Particle Physics Career Mentoring
	Speakers Robert Harris, Robert Harris Location Fermilab, Pileup
	14:00-17:00 Containers and Apptainer Speaker Marco Mambelli Location WH11NW, Pileup

Friday 6 June

3:00	Afternoon
	Session Location: WH11NW, Pileup
	13:00-14:00 Future Collider (Muon Collider)
	Speaker Sergo Jindariani
	14:00-14:30 Talke to Fermilab Engineer (Sergey Los)
	Speaker Sergey Los
	14:30-15:30 CMS 101
	Speakers Roy Cruz Candelaria, Sudhir Malik
19:00	15:30-16:30 Classes Q&A and Assignments
	Speakers Ameya Thete, Arghya Chattopadhyay, Bruno Moreira Coimbra, Iliomar Rodriguez Ramos, Marco Mambelli, Roy Cruz Candelaria, Xiaohe Shen
	16:30-17:00 Coordination with mentors and sendoff

Thursday 31 July

13:35	Afternoon: Interns' Final Presentations (20 min talk + 10 min Q&A) - Reviewers: TBD Session Location: WH11NW, Pileup
	13:35-14:05 Talk 7
	14:05-14:35 Talk 8
	14:35-15:05 Talk 9
	15:05-15:35 Talk 10
16:35	15:35-16:05 Talk 11
	16:05-16:35 Talk 12

Friday 1 August

13:35	Afternoon: Interns Final Presentations (20 min talk + 10 min Q&A) - Reviewers: TBD Session Location: WH11NW, Pileup
	13:35-14:05 Talk 19
	14:05-14:35 Talk 20
15:05	14:35-15:05 Interns fill 10-week feedback form

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