IFJ PAN Particle Physics Summer Student Programme 2022

Hour	Monday 4/07/2022	Tuesday 5/07/2022	Wednesday 6/07/2022	Thursday 7/07/2022	Friday 8/07/2022
08:45 - 09:00	**Organizational - Polish**	**High Energy Physics Experiments Hands-on Training** *(all participants)* dr hab. Krzysztof Woźniak main lecture hall + Zoom	**Particle Accelerators** *(all participants)* dr Maciej Trzebiński main lecture hall + Zoom	**ROOT Exercise 1→2** gr. A PP/FO/SA MSD | **ROOT Exercise 1→2** gr. B KW 4402 | **ROOT Exercise 1→2** gr. C DD 0108 | **ROOT Exercise 1→2** gr. D ML Zoom	**Event Selection - Introduction** dr Maciej Trzebiński main lecture hall + Zoom
09:00 - 09:15	**Safety Training** *(local polish-speaking participants)* mgr Joanna Niejadlik MSD				
09:15 - 09:30					
09:30 - 09:45					
09:45 - 10:00					
10:00 - 10:15		**Projects - Consultations** *(remote participants)* Zoom 10:00 - 10:15 BZ 10:15 - 10:30 MW 10:30 - 10:45 DA 10:45 - 11:00 AM 11:00 - 11:15 IS	**ROOT - Introduction** *(all participants)* dr Dominik Derendarz main lecture hall + Zoom	**Organizational Matters** (m. lect. hall)	**ROOT Exercise 3** gr. A PP/FO/SA MSD | **ROOT Exercise 3** gr. B AM 4402 | **ROOT Exercise 3** gr. C AT 0108 | **ROOT Exercise 3** gr. D BZ Zoom
10:15 - 10:30					
10:30 - 10:45	**Safety** (polish) | **Org. - foreign.**	**High Energy Physics Experiments Hands-on Training** gr. A & B DD & KW MSD | **High Energy Physics Experiments Hands-on Training** gr. C MT & KW 0108 | **High Energy Physics Experiments Hands-on Training** gr. D BZ Zoom			
10:45 - 11:00					
11:00 - 11:15	**Safety Training** *(all loc. participants)* mgr Joanna Niejadlik main lecture hall		**Photo Projects - Consultations** *(local participants)*	**Particle Detectors** *(all participants)* prof. dr hab. Janusz Chwastowski main lecture hall + Zoom	
11:15 - 11:30					
11:30 - 11:45					
11:45 - 12:00			**lunch break**		**lunch break**
12:00 - 12:15	**Welcome** *(all participants)* main lecture hall + Zoom	**lunch break**		**lunch break**	
12:15 - 12:30					
12:30 - 12:45	**Particle Physics - Introduction part 1** *(all participants)* dr hab. Paweł Malecki main lecture hall + Zoom		**Particle Physics Classes** gr. A RS MSD | **ROOT Exercise 1** gr. B KW 4402 | **ROOT Exercise 1** gr. C TW 3109 | **ROOT Exercise 1** gr. D ML Zoom		**ROOT Exercise 3** gr. A PP/FO/SA MSD | **ROOT Exercise 3** gr. B AM 4402 | **ROOT Exercise 3** gr. C AT 0108 | **ROOT Exercise 3** gr. D BZ Zoom
12:45 - 13:00		**HEP Experiments - Summary** *(all participants)* dr Krzysztof Woźniak main lecture hall + Zoom			
13:00 - 13:15					
13:15 - 13:30					
13:30 - 13:45	**lunch break**			**ROOT Exercise 2** gr. A PP/FO/SA MSD | **ROOT Exercise 2** gr. B KW 4402 | **ROOT Exercise 2** gr. C DD 0108 | **ROOT Exercise 2** gr. D ML Zoom	**Statistical Methods in Pathicle Physics** *(all participants)* dr hab. Marcin Wolter main lecture hall + Zoom
13:45 - 14:00		**Particle Physics - Introduction part 3** *(all participants)* dr hab. Paweł Malecki main lecture hall + Zoom	**ROOT Exercise 1** gr. A PP/FO/SA 0108 | **Particle Physics Classes** gr. B & C RS MSD		
14:00 - 14:15					
14:15 - 14:30					
14:30 - 14:45	**Particle Physics - Introduction part 2** *(all participants)* dr hab. Paweł Malecki main lecture hall + Zoom				
14:45 - 15:00					
15:00 - 15:15					
15:15 - 15:30	**Computer Setup (Linux, C++, ROOT)** *(local participants)* main lecture hall RS, MT | **Computer Setup (Linux, C++, ROOT)** *(remote participants)* Zoom BZ, ML	**break**			**Closing Words** *(all participants)* main lecture hall
15:30 - 15:45					
15:45 - 16:00		**Start of LHC Run 3 - transmission from CERN** afterwards - **BBQ** *(local participants) :)*			
after 16:00			**ROOT - Consultations** MSD RS/DD	**ROOT - Consultations** MSD RS	

Tutors: BZ - dr Bartłomiej Żabiński, MW - dr hab. Marcin Wolter, DA - dr David Alvarez, AM - dr hab. Adam Matyja, IS - dr Iwona Sputowska, RS - dr Rafał Staszewski, AT - prof. dr hab. Adam Trzupek, DD - dr Dominik Derendarz
ML - dr Maciej Lewicki, MT - dr Maciej Trzebiński, TW - dr hab. Tomasz Wąchała, AM - Adam Matyja, KW - dr hab. Krzysztof Woźniak, PP - Pragati Patel, FO - Ferhat Ozturk, SA - Sergio Arbiol

group A: Mateusz Andrzejewski, Julia Koczorowska, Karolina Papacz, Konstadinos Papadhopuli, Eleni Papadimitriou, Konstantinos Papadimos, Nazmul Hasan Shadhin, Nadzieja Śniegocka, Nikolaos Vassakis, Xavior Wang
group B: Agata Bijak, Bartłomiej Brudnowski, Szymon Janur, Ho Sang Lee, Filip Maxin, Ricardo Parra Payano, Alicja Plachta, Clarisse Prat, Szymon Slawinski, Gabriela Szczepanik
group C: Harsh Aggarwal, Georgios Alexandris, Satvik Arya, Aneta Bień, Ruken Ciftci, Aleksandar Gecic, Priyanshu Gupta, Ariadna León Quirós, Patrycja Malinowska, Karol Sowa
group D: Marouane Benhassi, Aryan Borkar, Ishan Gupta, Stefan Horodenski, Subhasis Jena, Tomasz Kazulak, Sara Mohamed Abdelfattah, Pontus Pandurevic, Can Süslü, Adam Świniarski