

# CERN Teacher Programme 2024 July 28 – August 2, 2024

CERN, Geneva, Switzerland

	Time	Activities
Sunday	17:00	Welcome reception
	17:30	Objectives of the program
	18:00	Rules and recommendations
	18:15	Walk around the CERN site
Monday	9:00	Introduction to CERN
	9:45	Coffee break
	10:00	Fundamental physics
	11:15	Particle detectors
	12:30	Lunch break
	14:00-18:00	Antimatter Factory, Data Centre, and Cloud Chamber workshops (teachers are divided into two groups that alternate visits)
Tuesday	8:30	Particle accelerators
	9:45	Experimental particle physics
	11:00	Coffee break
	11:20	Computing at CERN
	12:30	Lunch break
	14:00-16:00	CERN Control Centre and Neutrino Platform (teachers are divided into two groups that alternate visits)
Wednesday	16:00	Coffee break
	16:45	Synchrocyclotron and ATLAS Control Room
	8:45	The discovery of the Higgs boson
	9:55	The MiniPix detector in education
	10:55	Coffee break
	11:15	MiniPix detector workshop
	12:30	Lunch break
	14:00-22:00	Social events 14:00 “Discovering Geneva” treasure-hunting 20:00 Official program dinner
Thursday	9:00	Questions and Answers session
	10:00	My life at CERN
	10:55	Coffee break
	11:15	The dark side of the universe
	12:30	Lunch break
	14:00-17:30	CMS Service Cavern
Friday	8:45	Second (and brief) Q & A
	9:00	The teaching of particle physics
	10:00	Artificial “intelligence”
	11:00	Coffee break
	11:30	Farewell and closure