



# First European School on the Physics of the Electron-Ion Collider

## domenica 18 giugno 2023

### Afternoon Lectures (16:00 - 19:00)

time	[id] title	presenter
16:00	[21] Welcome, overview of the school program	ANTONIOLI, Pietro
16:15	[25] The Electron-Ion Collider: from an idea to reality	DESHPANDE, Abhay
17:00	[22] Introduction to Deep Inelastic Scattering	TASSI, Enrico

# lunedì 19 giugno 2023

## Afternoon Lectures (14:30 - 17:30)

time	[id] title	presenter
14:30	[6] Theory of Transverse-momentum dependent distributions (TMD)	BACCHETTA, Alessandro
15:30	[7] Gluon TMDs	CELIBERTO, Francesco Giovanni
16:30	[8] The case for ions: the physics of nuclear PDF and hadronization studies	Dr. ZURITA, Pia

# **martedì 20 giugno 2023**

## **Afternoon Lectures (14:30 - 17:30)**

time	[id] title	presenter
14:30	[11] Cooking show: how to extract a TMD from a global fit	CERUTTI, Matteo
16:30	[12] The case for ions: the physics of nuclear PDF and hadronization studies	ZURITA, Pia

# mercoledì 21 giugno 2023

## Afternoon Lectures (14:00 - 17:00)

time	[id] title	presenter
14:00	[15] Hands-on session on QCD DGLAP analyses for PDFs determination	TASSI, Enrico