

# **International Masterclass ATLAS 2025**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **Greetings from Tor Vergata University & INFN**

*Wednesday, 12 March 2025 09:00 (10 minutes)*

Contribution ID: 2

Type: **not specified**

## **Introduction to particle physics**

*Wednesday, 12 March 2025 09:10 (30 minutes)*

**Presenter:** CERRITO, Lucio (University and INFN Roma Tor Vergata)

Contribution ID: 3

Type: **not specified**

## Particle detectors

*Wednesday, 12 March 2025 09:40 (30 minutes)*

**Presenter:** LIBERTI, Barbara (Istituto Nazionale di Fisica Nucleare)

Contribution ID: 4

Type: **not specified**

## The Z boson

*Wednesday, 12 March 2025 10:10 (30 minutes)*

**Presenter:** Dr GIULI, Francesco (Istituto Nazionale di Fisica Nucleare)

Contribution ID: 5

Type: **not specified**

## Finding the Z

*Wednesday, 12 March 2025 12:00 (1 hour)*

Contribution ID: 6

Type: **not specified**

## Preparatory exercises

*Wednesday, 12 March 2025 11:20 (40 minutes)*

Contribution ID: 7

Type: **not specified**

## Finding the Z

*Wednesday, 12 March 2025 14:00 (1h 30m)*



Contribution ID: 8

Type: **not specified**

## Discussion

*Wednesday, 12 March 2025 15:30 (30 minutes)*

Contribution ID: 9

Type: **not specified**

## Videoconference with CERN

*Wednesday, 12 March 2025 16:00 (1 hour)*

Contribution ID: **10**

Type: **not specified**

## **Award Ceremony and Farewell**

*Wednesday, 12 March 2025 17:00 (30 minutes)*

Contribution ID: **11**

Type: **not specified**

## Welcome & Registration

*Wednesday, 12 March 2025 08:30 (30 minutes)*

Contribution ID: 12

Type: **not specified**

## Welcome & Registration

Contribution ID: **13**

Type: **not specified**

## Welcome & Registration

Contribution ID: 14

Type: **not specified**

## **Particle physics & Machine Learning, an example: the MIDDLE Project**

*Wednesday, 12 March 2025 11:00 (20 minutes)*

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**Presenter:** VANADIA, Marco (Istituto Nazionale di Fisica Nucleare)