

## **Session Program**

**10-12 Mar 2025**



## **WST - the Wide-field Spectroscopic Telescope: surveying the Universe in the 2040's and beyond**

### ***Cosmology and fundamental physics***

INAF - Osservatorio Astronomico di Capodimonte, Auditorium Nazionale "Ernesto Capocci"

## Wednesday 12 March

09:55

### Cosmology and fundamental physics

**Session** | **Location:** INAF - Osservatorio Astronomico di Capodimonte, Auditorium Nazionale "Ernesto Capocci"

09:55–10:15

#### The promise of WST for Cosmology

**Speakers**

Dr Carmelita Carbone, Michele Moresco

10:15–10:30

#### Type II Cepheids as an alternative route to the Hubble constant

**Speaker**

Teresa Sicignano

10:30–10:35

#### Cosmology with cosmic voids

**Speaker**

Giulia Degni

10:35–10:50

#### Gravitational Wave Cosmology in the age of wide-field spectroscopic surveys

**Speaker**

Nicola Borghi

10:50–10:55

#### Cosmology with higher-order statistics with the Wide Field Spectroscopic Telescope

**Speaker**

Massimo Guidi

10:55–11:00

#### Back-in-time Void Finder: dynamical void finding for new generation Cosmology

**Speaker**

Simone Sartori

11:00–11:05

#### The WST view of the TDE population

**Speaker**

Francesca Onori

11:05–11:10

#### WST survey of fundamental constant variations

**Speaker**

Dinko Milakovic

11:10