

## **Session Program**

**8-12 Jun 2026**

# **Higgs and Effective Field Theory - HEFT 2026**

## ***Geometry, Positivity and Amplitudes***

Jardí Botànic, Valencia  
C/ de Quart, 80, Extramurs, 46008 València, Valencia

## Wednesday 10 June

09:00

### Geometry, Positivity and Amplitudes

**Session** | **Location:** Jardí Botànic, Valencia, C/ de Quart, 80, Extramurs, 46008 València, Valencia

09:00–09:30

#### The Bundle Geometry of Quantum Field Theories

**Speaker**

Joe Davighi

09:30–09:50

#### A Shortcut to SMEFT Amplitudes using EFT Geometry

**Speaker**

Cristofer Caballeros

09:50–10:10

#### A Covariant Formalism for Scattering Amplitudes up to 2-Loop Order

**Speaker**

Mohammad Alminawi

10:10–10:30

#### Progress in the Universal SMEFT

**Speaker**

Tyler Corbett

10:30–10:50

#### Multi boson processes in EFTs via on-shell methods

**Speaker**

Clara Hernández García

11:00

## Friday 12 June

09:00

### Geometry, Positivity and Amplitudes

**Session** | **Location:** Jardí Botànic, Valencia, C/ de Quart, 80, Extramurs, 46008 València, Valencia

09:00–09:30

#### Positivity in EFT renormalization and the operator product expansion

**Speaker**

Jasper Roosmale Nepveu

09:30–09:50

#### Quantum correction to the diffusion term in stochastic inflation from SdSET

**Speaker**

Dr Andrea Federico Sanfilippo

09:50–10:10

#### Unitarity bounds and sum rules in the SMEFT

**Speaker**

Andrea Sainaghi

10:10