

## Session Program

19-22 Apr 2022



## SCET Workshop 2022

### *Other*

University of Bern  
Albert Einstein Center for Fundamental Physics Institute for Theoretical Physics Sidlerstrasse 5 CH-3012  
Bern Switzerland

# Friday 22 April

09:00

## Other: B physics

**Session** | **Location:** University of Bern, Room 220, Hauptgebäude

09:00–09:20

### High-precision measurement of the W-mass at CDF II (remote)

#### Speaker

Chris Hays

09:30–09:50

### Heaviside functions and the same-hemisphere triple-gluon contribution to the zero-jettiness soft function at N<sup>3</sup>LO QCD

#### Speaker

Chen-Yu Wang

10:00–10:20

### The photon energy spectrum in $B \rightarrow X_s \gamma$ at N<sup>3</sup>LL'

#### Speaker

Ivan Novikov

10:30

11:00

## Other

**Session** | **Location:** University of Bern, Room 220, Hauptgebäude

11:00–11:20

### Soft-collinear gravity beyond leading power

#### Speaker

Patrick Hager

11:30–11:50

### Radiative corrections to charged-current neutrino scattering at GeV energies (remote)

#### Speaker

Oleksandr Tomalak

12:00–12:20

### Simulating collider physics on quantum computers using SCET

#### Speaker

Marat Freytsis

12:30