**Session Program**

**26–28 Jun 2023**



# LoopFest XXI

# *Session 2*

SLAC National Accelerator Laboratory, Kavli Auditorium
2575 Sand Hill Rd, Menlo Park, CA 94025, United States

# Monday 26 June

11:25

## Session 2: Morning Session 2

**Session** |
**Location:** SLAC National Accelerator Laboratory, Kavli Auditorium, 2575 Sand Hill Rd, Menlo Park, CA 94025, United States |
**Convener:** Radja Boughezal

| 11:25–11:50 | **Epsilon factorised differential equations beyond polylogs** |

**Speaker**
Lorenzo Tancredi

| 11:50–12:15 | **p-adic reconstruction of rational functions in loop calculations** |

**Speaker**
Herschel Chawdhry

| 12:15–12:40 | **Beauty and Charm Energy Correlators** |

**Speaker**
Bianka Meçaj

12:40

# Tuesday 27 June

10:55

## Session 2: Morning Session 4
**Session** |
**Location:** SLAC National Accelerator Laboratory, Kavli Auditorium, 2575 Sand Hill Rd, Menlo Park, CA 94025, United States |
**Convener:** Lorenzo Tancredi

10:55–11:20 **Feynman integrals from positivity constraints**

**Speaker**
Mao Zeng

11:20–11:45 **On phase-space integrals with Heaviside functions**

**Speaker**
Mr Maximilian Delto

11:45–12:10

**Hyperfunction method for two loop calculations for PRadII experiment**

**Speaker**
Stan Srednyak

12:10

# Wednesday 28 June

**11:10**

## Session 2: Morning Session 6

**Session**  |
**Location:** SLAC National Accelerator Laboratory, Kavli Auditorium, 2575 Sand Hill Rd, Menlo Park, CA 94025, United States  |
**Convener:** Fabrizio Arturo Caola

**11:10–11:35**    **Analytic properties of the S-matrix**

**Speakers**
Hofie Hannesdottir, Hofie Hannesdottir

**11:35–12:00**    **Precise Predictions for Gravitational Wave Experiments**

**Speaker**
MICHAEL RUF

**12:00–12:25**    **Full NNLO QCD corrections to diphoton production**

**Speaker**
Federico Coro

**12:25**