

## Session Program

2-6 Oct 2023



## NuXTract 2023 - Towards a consensus in neutrino cross sections

### *Methods*

CERN, 222/R-001

# Tuesday 3 October

13:40

## Methods

**Session** | **Location:** CERN, 31/3-004 - IT Amphitheatre | **Convener:** Adi Ashkenazi

13:40–13:55

### Binned log-likelihood template fitting with T2K

**Speaker**

Nick Latham

14:00–14:20

### Forward folding

**Speaker**

Lukas Koch

14:30–14:45

### Unbiased reconstruction of calorimetric variables in cross-section analyses

**Speaker**

Katharina Lachner

14:50–15:10

### Unfolding: Machine learning approaches

**Speaker**

Ben Nachman

15:10–15:30

### Machine Learning-Assisted Unfolding for Neutrino Cross-section Measurements

**Speaker**

Andrew Cudd

15:30

16:00

## Methods

**Session** | **Location:** CERN, 31/3-004 - IT Amphitheatre | **Convener:** Adi Ashkenazi

16:00–16:20

### Unfolding: a statistician's perspective

**Speaker**

Mikael Kuusela

16:25–16:45

### Treating Detector Systematics via a Likelihood Free Inference Method

**Speaker**

Ms Alexandra Trettin

17:00