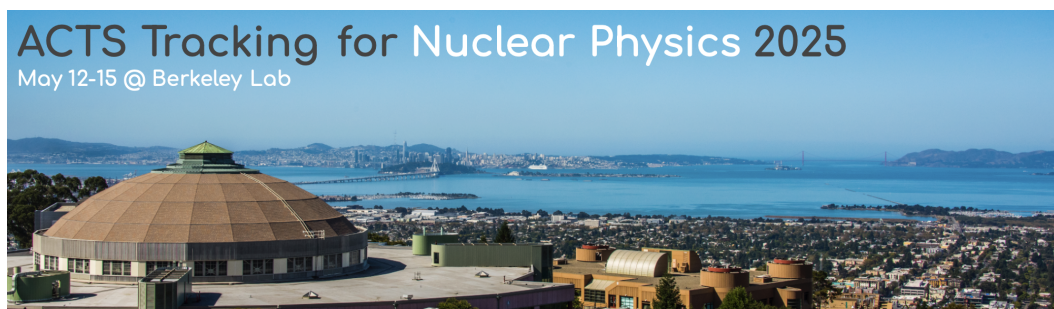


Session Program

12-15 May 2025



ACTS4NP - Workshop on ACTS Tracking for Nuclear Physics 2025

Topical discussion

Lawrence Berkeley National Laboratory, NERSC building (B59-3101)
1 Cyclotron Rd, Berkeley, CA 94720

Wednesday 14 May

09:00

Topical discussion: Users Experiences

Session |

Location: Lawrence Berkeley National Laboratory, NERSC building (B59-3101), 1 Cyclotron Rd, Berkeley, CA 94720

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Convener: Shujie Li

09:00-10:15

Data structure: Interfacing ACTS and your experiement

Speaker

Wouter Deconinck

10:15-10:45

Break: group photo

10:45-12:00

Detector alignment

Speaker

Joe Osborn

12:00

15:30

Topical discussion: Algorithm Development

Session |

Location: Lawrence Berkeley National Laboratory, NERSC building (B59-3101), 1 Cyclotron Rd, Berkeley, CA 94720

15:30-16:00

Low-momentum tracking efficiency

Speaker

Barak Schmookler

16:00-16:30

Track projection to non-tracking detector, and resolution evaluation

Speakers

Matt Posik, Wouter Deconinck

16:40

Thursday 15 May

09:00

Topical discussion: Topical discussion: ML/DL for Tracking

Session |**Location:** Lawrence Berkeley National Laboratory, NERSC building (B59-3101), 1 Cyclotron Rd, Berkeley, CA 94720

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Convener: Corentin Allaire

09:00–09:30

ACTS algorithms (Ambiguity solver)

Speaker

Corentin Allaire

09:30–10:00

Exploring new directions in enhancing the ACTS parameter optimization suite

Speaker

Rocky Bala Garg

10:00–10:30

Break

10:30–11:00

Graph Neural Network

Speaker

Jay Chan

11:00–12:00

Discussion: ML/DL with ACTS

12:00