

Session Program

19-23 Oct 2026

**ICFA Beam Dynamics Mini Workshop on
Modern Optimization of Dynamic Aperture**

***Operational Nonlinear Dynamics
Optimization, Model Building and
Measurement (Christoph Montag, Chair)***

Cornell University, Room 401 Physical Sciences

Tuesday 20 October

13:00

Operational Nonlinear Dynamics Optimization, Model Building and Measurement (Christoph Montag, Chair)

Session | **Location:** Cornell University, Room 401 Physical Sciences

13:00–13:30 **RHIC Experiences**

Speaker

Yun Luo

13:30–14:00 **LHC experiences**

Speaker

Ewen Maclean

14:00–14:30 **Online optimizations at APS-U, ESRF, SLS-2, SPring-8 (and more)**

Speaker

Nikita Kuklev

14:30–15:00 **Coffee Break**

15:00–15:30 **SuperKEKB DA, measurements and simulations**

Speaker

Yukiyoshi Ohnishi

15:30–16:00 **Entropy criteria for DA optimization with NSLS-II data**

Speaker

Minghao Song

16:00–16:30 **Optimization of an H7BA Lattice for a 2.2-km Future Light Source**

Speaker

Peifan Liu

16:30–17:00

Dynamic Aperture Optimization in the Presence of Incoherent Beam-Beam Effects

Speaker

Demin Zhou

17:00–17:30 **Contributed Talk**

17:30