

Session Program

26-30 Oct 2020



8th Low Emittance Rings Workshop (New Dates!)

Collective effects and feedbacks

INFN-LNF, via remote connection
Via E. Fermi 40 00044 Frascati (RM) Italy

Tuesday 27 October

17:00

Collective effects and feedbacks

Session | **Location:** INFN-LNF, via remote connection, Via E. Fermi 40 00044 Frascati (RM) Italy | **Convener:** Ryutaro Nagaoka

17:00–17:30

Intra-bunch motion and TMCI in the presence of detuning impedance

Speaker

Elias Metral

17:30–18:00

Detuning impedance effect on coasting beams and aspects of fast-slow mode coupling instability

Speaker

Nicolo' Biancacci

18:00–18:30

Two-particle model including quadrupolar wake fields

Speaker

Giovanni Rumolo

18:30–19:00

Harmonic cavities studies and applications for SOLEIL upgrade: bunch lengthening, transient beam loading and instabilities

Speaker

Dr Alexis Gamelin

19:30

Thursday 29 October

13:00

Collective effects and feedbacks

Session | **Location:** INFN-LNF, via remote connection, Via E. Fermi 40 00044 Frascati (RM) Italy | **Convener:** FRANK ZIMMERMANN

13:00–13:30

Injection beam instabilities for HEPS

Speaker

Zhe Duan

13:30–14:00

The study of collective instabilities in the booster of HEPS and the possible mitigation

Speaker

Haisheng Xu

14:00–14:30

Collective effects in FCC-ee

Speaker

Mauro Migliorati

14:30–15:00

Feedback systems for FCCee

Speaker

Alessandro Drago

15:00–15:30

Instabilities at MAXIV

Speaker

Francis Cullinan

15:30