

Session Program

Apr 3 - 5, 2017

JLEIC Collaboration Meeting Spring 2017

Simulations

CEBAF Center, F113
12000 Jefferson Avenue Newport News, VA 23602

Wed, April 5

1:30 PM

Simulations

Session | **Location:** CEBAF Center, F113, 12000 Jefferson Avenue Newport News, VA 23602 | **Convener:** Yves Roblin

13:30 - 13:40 Introduction

Speaker
Yves Roblin

13:40 - 14:05 Beam Beam 3D Simulations with Crab Cavities

Speaker
Ji Qiang

14:05 - 14:30
Berkeley Lab Modeling Tools for Electron Cloud Build-Up and Effects on Beam Transport

Speaker
Jean Luc Vay

14:30 - 14:55 Beam-Beam with Gear Change for JLEIC

Speaker
Balsa Terzic

14:55 - 15:20
Computational Considerations for Spin Tracking in Electron-Ion Colliders

Speaker
Dan Abell

15:20 - 15:45
A New Approach to Calculating Magnetized Dynamical Friction for JLEIC

Speaker
David Bruhwiler

15:45 - 15:55 Discussion

3:55 PM