

LLNL: UCRL-TM-231628

LBL: LBNL-62783

**Beam Physics
with Intense Space-Charge**

Lecturers:

**John J. Barnard and Steven M. Lund
Lawrence Livermore National Lab**

Grader and Simulation Lectures:

**Rami A. Kishek
University of Maryland**

Course Notes:

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