



Kiersten Ruisard

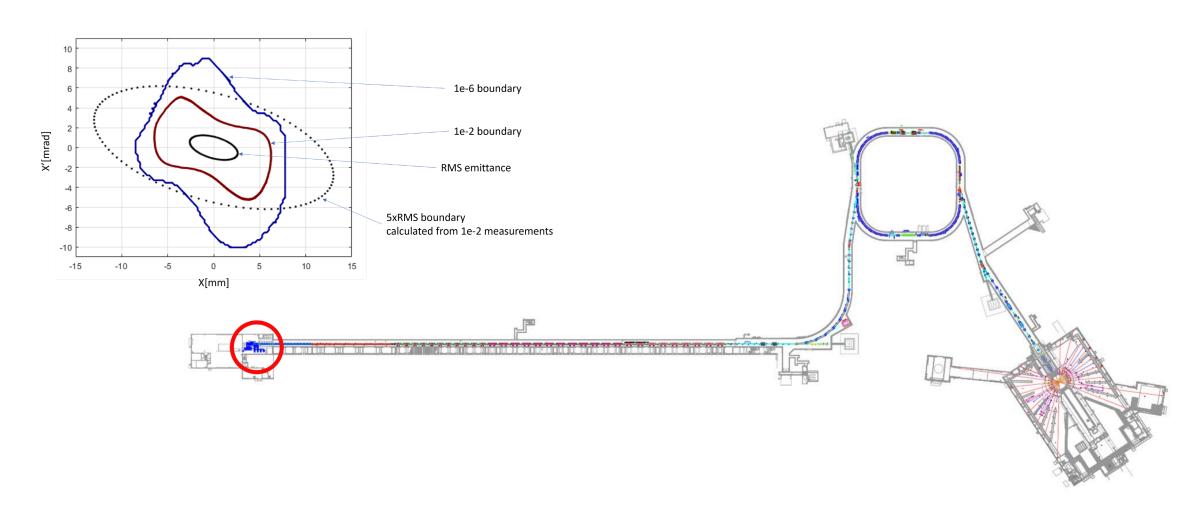
Oak Ridge National Laboratory

On behalf of team working on SNS Beam Test Facility



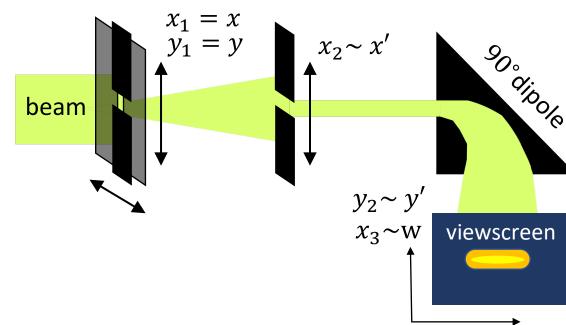
Motivation:

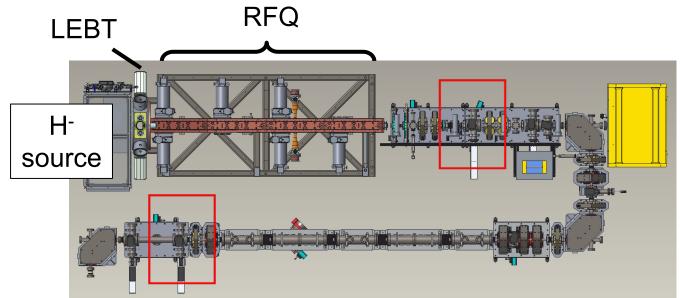
- predictive modeling for beam distribution with halo better understanding of beam losses



SNS Beam Test Facility is measuring full 6D distribution of H- bunch

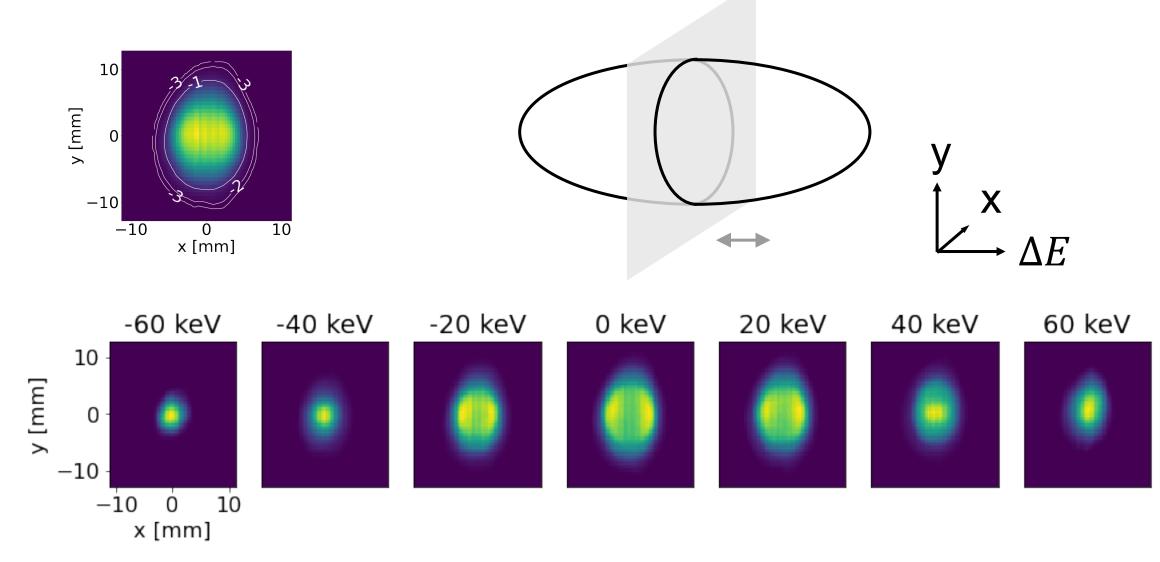
H- beam, Up to 50 mA, 2.5 MeV MEBT



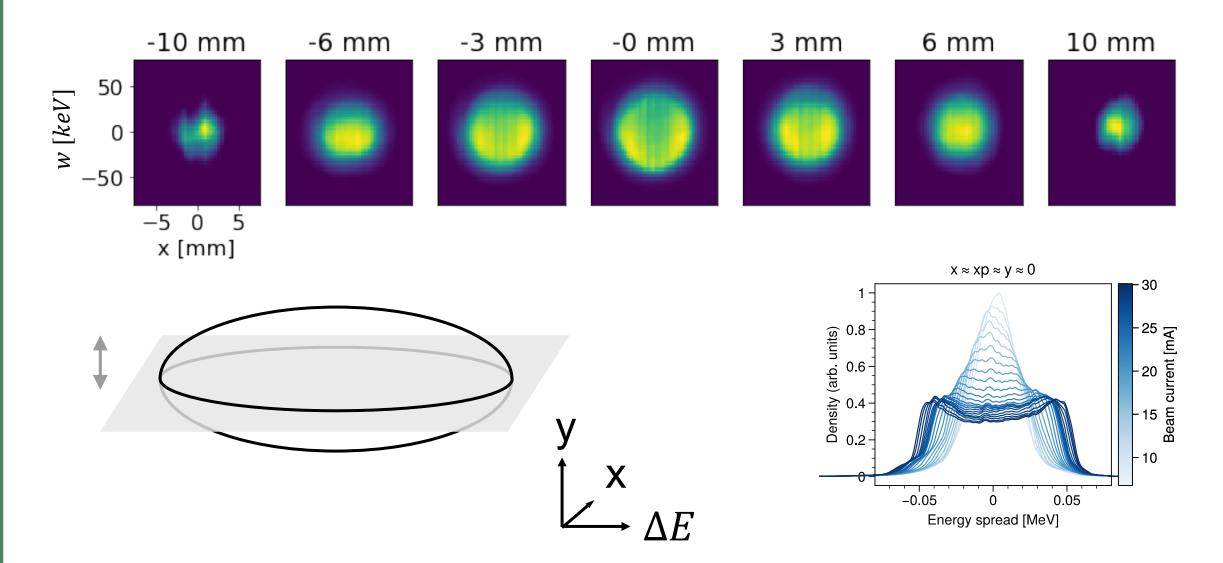




Longitudinal core is transversely hollowed



Transverse core is longitudinally hollowed



Thanks for your attention!

