

COOL'25 - the 15th International Workshop on Beam Cooling and Related Topics

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Type: **Invited Oral Presentation**

Stochastic Cooling for the EIC

Tuesday 28 October 2025 11:45 (30 minutes)

The Electron Ion Collider (EIC) will collide protons and heavy ions with electrons to study nonlinear interactions in QCD. Stochastic cooling will benefit the heavy ion luminosity. This talk will discuss the cooling system design and estimate the benefits of the cooling system.

Footnotes

Funding Agency

United States Department of Energy

I have read and accept the Privacy Policy Statement

Yes

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