

FY2026 LDRD Type B Awards

Report of Contributions

Contribution ID: 3

Type: **not specified**

Laser-driven Nb beam source: pioneering the highest achievable beam current for EIC commissioning

Tuesday 4 February 2025 13:00 (11 minutes)

Presenter: CANNAVO, Antonino (BNL)

Contribution ID: 4

Type: **not specified**

Development of a Generic 4D Telescope Platform

Tuesday 4 February 2025 15:59 (11 minutes)

Presenters: D'AMEN, Gabriele (Brookhaven National Laboratory (US)); TANG, Shaochun (BNL)

Contribution ID: 5

Type: **not specified**

A flexible open source Neutrino Oscillation Global Fit

Tuesday 4 February 2025 13:22 (11 minutes)

Presenter: DENTON, Peter

Contribution ID: 7

Type: **not specified**

Accelerating Isotope Production with Artificial Intelligence Driven Robotics

Tuesday 4 February 2025 13:33 (11 minutes)

Presenter: KIM, Dohyun (Brookhaven National Laboratory)

Contribution ID: 8

Type: **not specified**

Development of Novel Ion Source –Continuous Beam Laser Ion Source

Tuesday 4 February 2025 15:26 (11 minutes)

Presenter: KONDRASHEV, Sergey (BNL)

Contribution ID: 9

Type: **not specified**

Advancing Silicon Carbide Technology for Radiation-Hardened and Low-Damage Applications

Tuesday 4 February 2025 15:15 (11 minutes)

Presenter: KUBLEY, Thomas

Contribution ID: **10**

Type: **not specified**

Illuminate the Invisible Universe with joint analysis of ground- and space-based imaging

Tuesday 4 February 2025 15:37 (11 minutes)

Presenter: LI, Xiangchong (Brookhaven National Laboratory)

Contribution ID: **11**

Type: **not specified**

LAser Post Processing Purification of Isotopes (LAPPPI

Tuesday 4 February 2025 13:11 (11 minutes)

Presenter: MEDVEDEV, Dmitri (BNL)

Contribution ID: 14

Type: **not specified**

Modeling polarized atomic beams

Tuesday 4 February 2025 16:10 (11 minutes)

Presenter: RATHMANN, Frank (Brookhaven National Laboratory)

Contribution ID: 17

Type: **not specified**

Resolving the Λ Hyperon Polarization Puzzle through Deep Exclusive Meson Production

Tuesday 4 February 2025 15:48 (11 minutes)

Presenter: TU, Zhoudunming (BNL)