

BNL Isotope Site Visit January 23rd, 2023

Report of Contributions

Contribution ID: 2

Type: **not specified**

Welcome

Monday, 23 January 2023 08:30 (15 minutes)

Presenter: GAO, Haiyan (BNL)

Contribution ID: 3

Type: **not specified**

Overview on IP Workshop to discuss Nuclear Operations-Jack Anderson

Monday, 23 January 2023 08:45 (15 minutes)

Contribution ID: 4

Type: **not specified**

Overview of Isotope Program at BNL

Monday, 23 January 2023 09:00 (50 minutes)

- ☒ Strategic Plan Overview for nuclear facilities
- ☒ Update on RRPL transition to nuclear order
- ☒ Carp Plans
- ☒ Near Term (FY2023) Project Plan and Status
- ☒ Long term plan
- ☒ Waste management
- ☒ Transportation

Presenter: CUTLER, Cathy (BNL)

Contribution ID: 5

Type: **not specified**

Cyclotron Status and ARR Plans

Monday, 23 January 2023 09:50 (40 minutes)

- Update on SAD and ASE
- Update on status
- Commissioning plan
- Readiness Review Plan

Presenters: GALDAMEZ, Cindy (Brookhaven National Laboratory); DAVIS, Mark (BNL - MIRP)

Contribution ID: 6

Type: **not specified**

Tri-lab Ac-225 BNL Update

Monday, 23 January 2023 10:45 (45 minutes)

- Status of commissioning of AP hot cells
- Update on production plans and QA efforts
- Status of acceptance of LANL targets
- Chemistry Efforts

Presenters: VITKUN, Christopher; MEDVEDEV, Dmitri (BNL); ENG, Jack (BNL); KANKANA-MALAGE, Pavithra (BNL)

Contribution ID: 7

Type: **not specified**

New Production Targets

Monday, 23 January 2023 12:35 (35 minutes)

- Update on USI Status
- Ce-134 production plans and status update
- Pd-103 production plans and status update

Presenters: VITKUN, Christopher; MEDVEDEV, Dmitri (BNL); DAVIS, Mark (BNL - MIRP)

Contribution ID: 8

Type: **not specified**

Isotope R&D: TREND Update and Future Plans

Monday, 23 January 2023 13:10 (25 minutes)

Presenters: MEDVEDEV, Dmitri (BNL); SKULSKI, Michael (Brookhaven National Laboratory)

Contribution ID: 9

Type: **not specified**

Isotope R&D: Core R&D Update

Monday, 23 January 2023 13:50 (50 minutes)

- Staff Utilization
- Resource availability for R&D (hot cells, irradiation slots, staff)
- Ti/Sc update
- C and N slot including Lu/Hf, Ca/Sc, Neutron Production

Presenters: MEDVEDEV, Dmitri (BNL); SKULSKI, Michael (Brookhaven National Laboratory); SANDERS, Vanessa (Brookhaven National Laboratory)

Contribution ID: **10**

Type: **not specified**

Update Cyclotron Ac-225 production

Monday, 23 January 2023 14:40 (20 minutes)

Presenters: KIM, Dohyun (Brookhaven National Laboratory); KANKANAMALAGE, Pavithra (BNL)

Contribution ID: 11

Type: **not specified**

Isotope R&D: LDRD and Seed Grant

Monday, 23 January 2023 15:00 (20 minutes)

Presenter: SANDERS, Vanessa (Brookhaven National Laboratory)

Contribution ID: 12

Type: **not specified**

Medium energy Cyclotron Project

Monday, 23 January 2023 15:20 (20 minutes)

Presenters: MEDVEDEV, Dmitri (BNL); KANKANAMALAGE, Pavithra (BNL)

Contribution ID: **13**

Type: **not specified**

AI/ML LDRD Update

Monday, 23 January 2023 15:40 (15 minutes)

Presenter: SOTO, Carlos (BNL)

Contribution ID: **14**

Type: **not specified**

DEI

Monday, 23 January 2023 15:55 (20 minutes)

Presenters: CUTLER, Cathy (BNL); SANDERS, Vanessa (Brookhaven National Laboratory)