

# **2021 APEX Workshop**

## **Report of Contributions**

Contribution ID: 3

Type: **not specified**

## **Run 2022 plan and highlights**

*Tuesday, 9 November 2021 09:05 (20 minutes)*

**Presenter:** SCHOEFER, Vincent (CAD)

**Session Classification:** Morning Session: Convener

Contribution ID: 4

Type: **not specified**

## Welcome

*Tuesday, 9 November 2021 09:00 (5 minutes)*

**Presenter:** MINTY, Michiko (Brookhaven National Laboratory)

**Session Classification:** Morning Session: Convener

Contribution ID: 5

Type: **not specified**

## Heating mechanism study

*Tuesday, 9 November 2021 09:25 (20 minutes)*

**Presenter:** SELETSKIY, Sergei (BNL)

**Session Classification:** Morning Session: Convener

Contribution ID: 6

Type: **not specified**

## Coherent Excitations Study

*Tuesday, 9 November 2021 09:45 (20 minutes)*

**Presenter:** SELETSKIY, Sergei (BNL)

**Session Classification:** Morning Session: Convener

Contribution ID: 7

Type: **not specified**

## Electron-Ion Focusing

*Tuesday, 9 November 2021 10:05 (20 minutes)*

**Presenter:** KAYRAN, Dmitry (Brookhaven National Lab)

**Session Classification:** Morning Session: Convener

Contribution ID: 8

Type: **not specified**

## Dispersive Cooling

*Tuesday, 9 November 2021 10:40 (20 minutes)*

**Presenter:** FEDOTOV, Alexei (Collider-Accelerator Department, BNL)

**Session Classification:** Morning Session: Convener

Contribution ID: 9

Type: **not specified**

## **Recombination studies**

*Tuesday, 9 November 2021 11:00 (20 minutes)*

**Presenter:** KAYRAN, Dmitry (Brookhaven National Lab)

**Session Classification:** Morning Session: Convener



Contribution ID: **10**

Type: **not specified**

## **Bayesian Optimization**

*Tuesday, 9 November 2021 11:20 (20 minutes)*

**Presenter:** GAO, Yuan (BNL)

**Session Classification:** Morning Session: Convener

Contribution ID: 11

Type: **not specified**

## **Machine Learning and Accelerator Applications**

*Tuesday, 9 November 2021 11:40 (20 minutes)*

**Presenter:** BROWN, Kevin (C-AD)

**Session Classification:** Morning Session: Convener

Contribution ID: 12

Type: **not specified**

## **LEReC Cooling experiments for high-energy cooling and EIC**

*Tuesday, 9 November 2021 13:00 (20 minutes)*

**Presenter:** FEDOTOV, Alexei (Collider-Accelerator Department, BNL)

**Session Classification:** Afternoon Session:

Contribution ID: 13

Type: **not specified**

## **CeC cooling experiments**

*Tuesday, 9 November 2021 13:20 (20 minutes)*

**Presenter:** JING, Yichao (BNL)

**Session Classification:** Afternoon Session:

Contribution ID: 14

Type: **not specified**

## **E-lens related experiments**

*Tuesday, 9 November 2021 13:40 (20 minutes)*

**Presenter:** GU, Xiaofeng (Collider Accelerator Department, BNL)

**Session Classification:** Afternoon Session:

Contribution ID: 15

Type: **not specified**

## Radial Shift Demonstration

*Tuesday, 9 November 2021 14:00 (20 minutes)*

**Presenter:** ROBERT-DEMOLAIZE, Guillaume (BNL/C-AD)

**Session Classification:** Afternoon Session:

Contribution ID: 16

Type: **not specified**

## **Decoupling Test for EIC**

*Tuesday, 9 November 2021 14:35 (20 minutes)*

**Presenter:** LUO, Yun (C-AD, BNL)

**Session Classification:** Afternoon Session:

Contribution ID: 17

Type: **not specified**

## **Spin transparency mode test**

*Tuesday, 9 November 2021 14:55 (20 minutes)*

**Presenter:** MOROZOV, Vasiliy (Oak Ridge National Laboratory)

**Session Classification:** Afternoon Session:



Contribution ID: **18**

Type: **not specified**

## **Broad band impedance measurement**

*Tuesday, 9 November 2021 15:15 (20 minutes)*

**Presenter:** BLASKIEWICZ, Michael (BNL)

**Session Classification:** Afternoon Session:

Contribution ID: 19

Type: **not specified**

## RF Beam Loading Mitigation

*Tuesday, 9 November 2021 15:35 (20 minutes)*

**Presenter:** SMITH, Kevin S (BNL)

**Session Classification:** Afternoon Session:

Contribution ID: 20

Type: **not specified**

## **Discussions: any topics related to APEX**

*Tuesday, 9 November 2021 15:55 (35 minutes)*

**Session Classification:** Afternoon Session: