

# **Workshop on Super-resolution in Physics**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Welcome

*Sunday 7 February 2021 11:00 (5 minutes)*

**Presenter:** Prof. PEREZ, Gilad (Weizmann)

Contribution ID: 2

Type: **not specified**

# Detecting Rapidly Oscillating Ultralight Dark Matter

*Sunday 7 February 2021 11:05 (30 minutes)*

**Presenter:** SAVORAY, Inbar

Contribution ID: 3

Type: **not specified**

# Going Beyond the Standard Quantum Limit

*Sunday 7 February 2021 11:35 (30 minutes)*

**Presenter:** Dr AKERMAN, Nitzan (Weizmann Institute of Science)

Contribution ID: 4

Type: **not specified**

# The Superboosted Regime in Jet Physics of Future Particle Colliders

*Sunday 7 February 2021 12:05 (30 minutes)*

**Presenters:** Prof. PEREZ, Gilad (Weizmann); Dr BRESSLER, Shikma (Weizmann Institute of Science)

Contribution ID: 5

Type: **not specified**

# Application of Super-resolution Techniques in Collider Physics

*Sunday 7 February 2021 13:30 (30 minutes)*

**Presenter:** Dr GANGULY, Sanmay (Weizmann Institute of Science (IL))

Contribution ID: 6

Type: **not specified**

## **Summarizing Sets of Images into a Sufficient Statistic that is of Better Quality than any Individual in the Set**

*Sunday 7 February 2021 14:00 (30 minutes)*

**Presenter:** Dr ZACKAY, Barak (Weizmann Institute of Science)

Contribution ID: 7

Type: **not specified**

# Super-resolution in Optical and Ultrasound Imaging

*Sunday 7 February 2021 14:30 (30 minutes)*

**Presenter:** Prof. ELDAR, Yonina (Weizmann Institute of Science)