

# **Three Minutes Seminars**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **A caccia di segnali di onde gravitazionali**

*Friday, November 19, 2021 2:00 PM (5 minutes)*

**Presenter:** Prof. MILOTTI, Edoardo

**Session Classification:** Gravitational Waves

Contribution ID: 2

Type: **not specified**

# A caccia di segnali di onde gravitazionali con il Machine Learning

*Friday, November 19, 2021 2:05 PM (5 minutes)*

**Presenter:** Dr TROVATO, Agata

**Session Classification:** Gravitational Waves

Contribution ID: 3

Type: **not specified**

## **Astrofisica gamma dallo Spazio e da Terra**

*Friday, November 19, 2021 2:20 PM (5 minutes)*

**Presenter:** Prof. LONGO, Francesco

**Session Classification:** Gamma Ray Astrophysics

Contribution ID: 4

Type: **not specified**

## **Time domain Gamma Ray Astrophysics from Fast Radio Bursts to Massive Black Holes**

*Friday, November 19, 2021 2:25 PM (5 minutes)*

**Presenter:** Dr PRINCIPE, Giacomo

**Session Classification:** Gamma Ray Astrophysics

Contribution ID: 5

Type: **not specified**

## Archeologia Galattica

*Friday, November 19, 2021 2:30 PM (5 minutes)*

**Presenter:** Prof. MATTEUCCI, Francesca

**Session Classification:** Astrophysics

Contribution ID: 6

Type: **not specified**

## **Archeologia Galattica ed i mergers di stelle di neutroni**

*Friday, November 19, 2021 2:35 PM (5 minutes)*

**Presenter:** Dr CESCUTTI, Gabriele

**Session Classification:** Astrophysics

Contribution ID: 7

Type: **not specified**

## Searching for the Dark Sector

*Friday, November 19, 2021 2:40 PM (5 minutes)*

**Presenter:** Prof. GABRIELLI, Emidio

**Session Classification:** Nuclear and Particle Physics



Contribution ID: 8

Type: **not specified**

## **Superare il Modello Standard passando per il Lato Oscuro**

*Friday, November 19, 2021 2:45 PM (5 minutes)*

**Presenter:** Prof. CANTATORE, Giovanni

**Session Classification:** Nuclear and Particle Physics

Contribution ID: 9

Type: **not specified**

## **Alla ricerca di nuovi fenomeni con CMS al CERN: dall'altissima precisione alla materia oscura**

*Friday, November 19, 2021 2:50 PM (5 minutes)*

**Presenter:** Dr CANDELISE, Vieri

**Session Classification:** Nuclear and Particle Physics

Contribution ID: **10**

Type: **not specified**

## **Diamonds as Radiation Detectors for Belle II - New Physics at Belle II**

*Friday, November 19, 2021 2:55 PM (5 minutes)*

**Presenter:** Prof. VITALE, Lorenzo

**Session Classification:** Nuclear and Particle Physics

Contribution ID: 11

Type: **not specified**

## **Rivelatori discreti e leggeri**

*Friday, November 19, 2021 3:00 PM (5 minutes)*

**Presenter:** Dr CONTIN, Giacomo

**Session Classification:** Nuclear and Particle Physics

Contribution ID: 12

Type: **not specified**

## **Il Big Bang in laboratorio**

*Friday, November 19, 2021 3:05 PM (5 minutes)*

**Presenter:** Dr ZACCOLO, Valentina

**Session Classification:** Nuclear and Particle Physics

Contribution ID: 13

Type: **not specified**

# **Ultracold atoms for quantum devices and quantum simulations**

*Friday, November 19, 2021 3:25 PM (5 minutes)*

**Presenter:** Dr TROMBETTONI, Andrea

**Session Classification:** Theoretical Condensed Matter

Contribution ID: 14

Type: **not specified**

## Quantum signatures in FEL light

*Friday, November 19, 2021 3:30 PM (5 minutes)*

**Presenter:** Prof. BENATTI, Fabio

**Session Classification:** Theoretical Condensed Matter

Contribution ID: 15

Type: **not specified**

## Dalle hamiltoniane ai diagrammi di fase

*Friday, November 19, 2021 3:35 PM (5 minutes)*

**Presenter:** Prof. PASTORE, Giorgio

**Session Classification:** Theoretical Condensed Matter



Contribution ID: 16

Type: **not specified**

## **Unconventional phases of matter from strong electron-electron interaction**

*Friday, November 19, 2021 3:40 PM (5 minutes)*

**Presenter:** Prof. BECCA, Federico

**Session Classification:** Theoretical Condensed Matter

Contribution ID: 17

Type: **not specified**

## **Teoria e simulazione di sistemi vetrosi**

*Friday, November 19, 2021 3:45 PM (5 minutes)*

**Presenter:** Prof. COSLOVICH, Daniele

**Session Classification:** Theoretical Condensed Matter

Contribution ID: **18**

Type: **not specified**

## **Electronic structure and topology of novel materials**

*Friday, November 19, 2021 3:50 PM (5 minutes)*

**Presenter:** Dr MARRAZZO, Antimo

**Session Classification:** Theoretical Condensed Matter

Contribution ID: 19

Type: **not specified**

## **Excitonic condensation for electrons with pseudospin degrees of freedom**

*Friday, November 19, 2021 3:55 PM (5 minutes)*

**Presenter:** Prof. SENATORE, Gaetano

**Session Classification:** Theoretical Condensed Matter

Contribution ID: 20

Type: **not specified**

## **Giocattoli con forti correlazioni elettroniche**

*Friday, November 19, 2021 4:00 PM (5 minutes)*

**Presenter:** Prof. MODESTI, Silvio

**Session Classification:** Experimental Condensed Matter Physics

Contribution ID: 21

Type: **not specified**

# Quantum simulation and information with trapped ultracold atoms

*Friday, November 19, 2021 4:05 PM (5 minutes)*

**Presenter:** Prof. SCAZZA, Francesco

**Session Classification:** Experimental Condensed Matter Physics

Contribution ID: 22

Type: **not specified**

## **La terza dimensione della tavola periodica.**

*Friday, November 19, 2021 4:10 PM (5 minutes)*

**Presenters:** Prof. BARALDI, Alessandro; Dr BIGNARDI, Luca

**Session Classification:** Experimental Condensed Matter Physics

Contribution ID: 23

Type: **not specified**

## **La microscopia a scansione a effetto tunnel: un'occhiata diretta a ciò che fanno gli atomi e le molecole sulle superfici**

*Friday, November 19, 2021 4:15 PM (5 minutes)*

**Presenter:** Prof. COMELLI, Giovanni

**Session Classification:** Experimental Condensed Matter Physics



Contribution ID: 24

Type: **not specified**

## Quantum spectroscopies for quantum materials

*Friday, November 19, 2021 4:20 PM (5 minutes)*

**Presenter:** Prof. FAUSTI, Daniele

**Session Classification:** Experimental Condensed Matter Physics

Contribution ID: 25

Type: **not specified**

## **Enhancing Superconductivity with femtosecond light pulses**

*Friday, November 19, 2021 4:25 PM (5 minutes)*

**Presenter:** Dr GIUSTI, Francesca

**Session Classification:** Experimental Condensed Matter Physics

Contribution ID: 26

Type: **not specified**

## Alla ricerca dello spin del protone

*Friday, November 19, 2021 2:10 PM (5 minutes)*

**Presenter:** Prof. BRESSAN, Andrea

**Session Classification:** Nuclear and Particle Physics

Contribution ID: 27

Type: **not specified**

## **La struttura dei nucleoni a COMPASS**

*Friday, November 19, 2021 2:15 PM (5 minutes)*

**Presenter:** Dr MORETTI, Andrea

**Session Classification:** Nuclear and Particle Physics