

**AMS Italia**

# **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Status of Light Ion Nuclei Time Variation Analysis

*Thursday, 30 November 2023 11:40 (15 minutes)*

**Presenter:** REINA CONDE, Alejandro (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Bologna Status Report

Contribution ID: 2

Type: **not specified**

## **2H and 3He Modelisation with GALPROP**

*Thursday, 30 November 2023 11:55 (15 minutes)*

**Presenter:** MASI, Nicolò (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Bologna Status Report

Contribution ID: 4

Type: **not specified**

## **Helmod Updates and Application to AMS Data Science Cases**

*Thursday, 30 November 2023 15:20 (20 minutes)*

**Presenter:** DELLA TORRE, Stefano (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Milano Bicocca Status Report

Contribution ID: 6

Type: **not specified**

## **Current Activities and Future Perspectives**

*Thursday, 30 November 2023 14:00 (20 minutes)*

**Presenter:** GRAZIANI, Maura (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Perugia Status Report

Contribution ID: 8

Type: **not specified**

## **Progress on anti-helium search with ROOT TMVA**

*Thursday, 30 November 2023 10:50 (15 minutes)*

**Presenter:** TIAN, Jian (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Roma 2 Status Report

Contribution ID: **10**

Type: **not specified**

## **Status of Deuteron Paper**

*Thursday, 30 November 2023 09:50 (20 minutes)*

**Presenters:** DIMICCOLI, Francesco (TIFPA); Dr ZUCCON, Paolo (TIFPA)

**Session Classification:** Trento Status Report

Contribution ID: 11

Type: **not specified**

## **NAlA: Framework and Data Format**

*Friday, 1 December 2023 09:30 (30 minutes)*

**Presenters:** FORMATO, Valerio (INFN PG); FORMATO, Valerio (RM2)

**Session Classification:** NAlA Users Meeting



Contribution ID: 13

Type: **not specified**

## NAIA User Experience in Rome

*Friday, 1 December 2023 10:40 (20 minutes)*

**Presenter:** TIAN, Jian (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** NAIA Users Meeting

Contribution ID: 14

Type: **not specified**

## Open Discussion

*Friday, 1 December 2023 11:20 (30 minutes)*

**Presenter:** OLIVA, Alberto (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** NAIA Users Meeting

Contribution ID: 16

Type: **not specified**

## **NAIA User Experience in Perugia**

*Friday, 1 December 2023 10:20 (20 minutes)*

**Session Classification:** NAIA Users Meeting

Contribution ID: 20

Type: **not specified**

## NAIA User Experience in Trento

*Friday, 1 December 2023 11:00 (20 minutes)*

**Session Classification:** NAIA Users Meeting

Contribution ID: 21

Type: **not specified**

## Antideuteron Search Status

*Thursday, 30 November 2023 12:10 (15 minutes)*

**Presenter:** D'ANGELO, Francesco (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Bologna Status Report

Contribution ID: 22

Type: **not specified**

## **Development of ML Algorithms for the search for Anti-Helium in Cosmic Rays**

*Thursday, 30 November 2023 11:05 (15 minutes)*

**Presenter:** TABARRONI, Luca (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Roma 2 Status Report

Contribution ID: 25

Type: **not specified**

## Welcome

*Thursday, 30 November 2023 09:30 (20 minutes)*

Contribution ID: 26

Type: **not specified**

## **Current Activities and Future Perspectives**

*Thursday, 30 November 2023 16:30 (30 minutes)*

**Presenter:** BARTOLONI, Alessandro (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Roma 1 Satatus Report



Contribution ID: 27

Type: **not specified**

## NAIA User Experience in Bologna

*Friday, 1 December 2023 10:00 (20 minutes)*

**Presenter:** D'ANGELO, Francesco (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** NAIA Users Meeting

Contribution ID: 29

Type: **not specified**

## Open Discussion: What's Next?

*Thursday, 30 November 2023 17:00 (40 minutes)*

Current and future data analysis topics with AMS-02.

Contribution ID: **30**

Type: **not specified**

## **Responsible and Seniors Meeting**

*Thursday, 30 November 2023 17:40 (30 minutes)*

Contribution ID: 31

Type: **not specified**

## **AMS-02 upgrade: Status and Prospects**

*Thursday, 30 November 2023 14:20 (20 minutes)*

**Presenter:** AMBROSI, Giovanni (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Perugia Status Report

Contribution ID: 32

Type: **not specified**

## Daily Proton flux and SEP Analysis

*Thursday, 30 November 2023 14:40 (20 minutes)*

**Presenter:** FALDI, Francesco (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Perugia Status Report

Contribution ID: 33

Type: **not specified**

## Temporal Variability of the Cosmic-Ray Flux

*Thursday, 30 November 2023 15:00 (20 minutes)*

**Presenter:** REIS ORCINHA, Miguel (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Perugia Status Report

Contribution ID: 34

Type: **not specified**

## **Perspectives of CR Backtracing in the Magnetosphere**

*Thursday, 30 November 2023 15:40 (20 minutes)*

**Presenter:** GRANDI, Davide (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Milano Bicocca Status Report

Contribution ID: 35

Type: **not specified**

## Status of Beryllium analysis

*Thursday, 30 November 2023 10:10 (20 minutes)*

**Presenter:** DASS, Abhinandan (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Trento Status Report



Contribution ID: **36**

Type: **not specified**

## **Search for anti-He events with ML**

*Thursday, 30 November 2023 10:30 (20 minutes)*

**Presenter:** Mr ROSSI, Francesco (Istituto Nazionale di Fisica Nucleare)

**Session Classification:** Trento Status Report