

David Pelosi

EDUCATION

- October 2020 - present* **Master's Student**
Department of Physics and Earth's Science, University of Perugia, Italy.
• Curriculum: Astrophysics and astroparticles
- October 2015 - June 2020* **Bachelor's Degree in Physics with the grade 110/110**
Department of Physics and Earth's Science, University of Perugia, Italy.
• Thesis: [Developing of a web application for monitoring cosmic rays and solar activity](#)
- July 2015* **Scientific High School Diploma with the grade 100/100**
Liceo Scientifico "G. Alessi" Perugia (PG)

EXPERIENCE

- June 2019 - June 2021* **President Perugia Local Committee (AISF)**
Italian Association of Physics Students (AISF)
- December 2020 - present* **Member of the editorial staff of "Sistemi di Riferimento" (AISF)**
- September 2020* **Informative article on the online magazine "Sistemi di Riferimento" (AISF)**
[Space Weather: Un portale online per monitoraggio della radiazione cosmica e dell'attività solare](#)
- April 2019* **Informative article on the online magazine "Sistemi di Riferimento" (AISF)**
[L'Alpha Magnetic Spectrometer AMS-02](#)
- March 2021 – June 2021* **Tutor "Fisica 1" and "Fisica 2"**
Department of Construction Engineering and Architecture, University of Perugia.
- March 2021 – May 2021* **Tutor "Fisica 1" and "Fisica 2"**
Department of Civil Engineering, University of Perugia.
- March 2022 – June 2022* **Tutor "Fisica 1" and "Fisica 2"**
Department of Construction Engineering and Architecture, University of Perugia.
- October 2021 – May 2022* **Tutor "Fisica 1" and "Fisica 2"**
Department of Civil Engineering, University of Perugia.

CONFERENCES ATTENDED

- September 2020* **106° SIF Congress (Italian Physical Society)**
Communication with the title "Development of a web application for monitoring solar activity and cosmic radiation" awarded with the publication on "Il Nuovo Cimento".
- July 2021* **International Cosmic Ray Conference (ICRC) – July 12th - July 23rd 2021 – Berlin, Germany.**
[D. Pelosi, N. Tomassetti, M. Duranti, "A web application for monitoring cosmic rays and solar activity", in proceedings of "37th International Cosmic Ray Conference \(ICRC2021\)"](#)
- September 2021* **Powering the Internet of Things, NiPS-EnABLES Summer School - September 16th - September 18th 2021 - Perugia, Italy**
[Certificate of attendance](#)

PUBLICATIONS

July 2021

[D. Pelosi, N. Tomassetti, M. Duranti \(2021\), "Development of a web application for monitoring solar activity and cosmic radiation", IL NUOVO CIMENTO C \(2021 - ISSUE 2-3\)](#)

SKILLS

Languages

- English: Level B1

Programming

- C++: Advanced
- ROOT: Advanced
- Python: Advanced
- Mathematica: Basic