



Dear Colleague,

The **XV International Conference on Identification of Dark Mater (IDM2024)** will take place in the historic city of L'Aquila, nestled in the beautiful region of Abruzzo, Italy, from July 8 to 12, 2024. The 15th IDM edition is jointly organized by the **Gran Sasso Science Institute (GSSI)**, the **University of L'Aquila (UnivAQ)**, and the **Laboratori Nazionali del Gran Sasso (LNGS)**.

The purpose of IDM 2024 is to bring together theorists and experimentalists to comprehensively assess the current status of dark matter searches and discuss the future perspectives of the field.

The scientific program of the conference will focus on pivotal questions and themes regarding the current and future status of dark matter searches:

- What do we really know about the dark matter in the Universe?*
- How can we indirectly infer its existence and its nature from cosmology and astrophysics?*
- How can we directly detect its presence in experimental apparatus on Earth?*
- What is the status of indirect dark matter experiments and searches at accelerators?*
- Is it possible to build a consistent and comprehensive theoretical framework for the dark matter, as emerging from physics beyond the Standard Model?*
- How can we advance further with theory, phenomenology, and experiments from the current standpoint?*

The mornings of the conference will be dedicated to plenary sessions addressing the questions listed above. In the afternoons, parallel sessions on specific topics will foster discussions and the exchange of ideas. A poster session is also planned.

The organizing committee warmly invites you to join us at IDM2024, present talks or posters, engage in lively discussions, and meet new or familiar faces. We particularly encourage active participation from young researchers in the field. We hope you will join us and experience the unique intersection between science and culture that L'Aquila has to offer.

Important Dates:

- **Abstract Submission:** from January 20th to May 1st, 2024
- **Registration:**
 - Early Registration: from January 20th to May 1st, 2024
 - Registration deadline: June 1st, 2024

A special satellite meeting, [EXCESS24](#), is scheduled for Saturday, July 6th at the University La Sapienza in Rome.

For additional information, please visit the conference website at www.idm2024.eu.

We look forward to seeing you in L'Aquila!

Natalia Di Marco, Alfredo Davide Ferella, Paolo Gorla
on behalf of the IDM2024 Local Organizing Committee



Istituto Nazionale di Fisica Nucleare
LABORATORI NAZIONALI DEL GRAN SASSO

