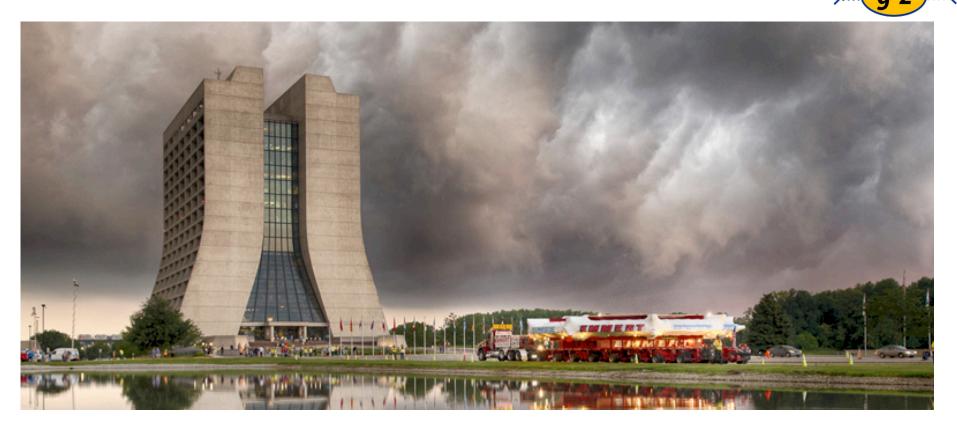
# Enhancing equity diversity and inclusion in particle physics: the experience of the Muon g-2 collaboration



Anna Driutti (University and INFN Pisa) On behalf of the Muon g-2 Collaboration Saturday 20<sup>th</sup> July 2024





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### **The Muon g-2 Collaboration**

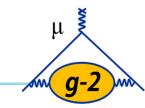


The **mission of the collaboration** is to measure with unprecedent precision (goal: 140 ppb) the **anomalous magnetic moment of the muon**. Have a **diverse collaboration** with a variety of backgrounds is an asset to

Have a **diverse collaboration** with a variety of backgrounds is an asset to solve the complex problems we encounter, and an **inclusive and equitable environment** help us to maximize the productivity of the collaboration.



### **The Muon g-2 Collaboration**

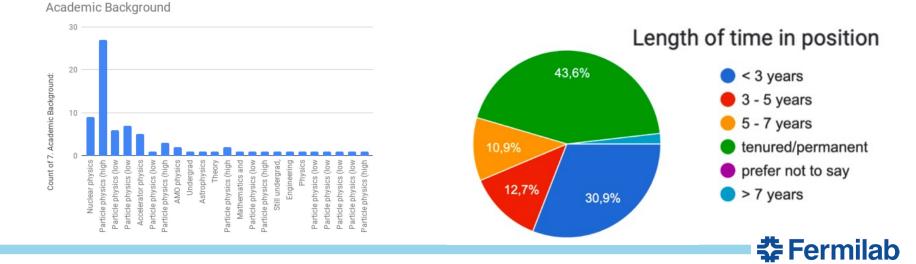


#### Muon g-2 Collaboration

7 countries, 33 institutions, 181 collaborators



- 200 members with a variety of backgrounds:
  - Different home institutions
  - Different countries of origin
  - Different scientific research disciplines
  - Different career stages



## Muon g-2 ED&I Committee and g2Early

The collaboration strives to maintain an **inclusive and equitable work environment** that also promotes the **professional development** and **career advancement** of all members.

### ED&I Committee:

- composed by at least four members elected by the collaboration every two years
- chair of the institutional board is an ex-officio member and acts as the liaison to the collaboration

• g2Early (Early Career):

 Subset of the collaboration that comprises students, postdoctoral researchers and collaborators who hold equivalent non-permanent positions

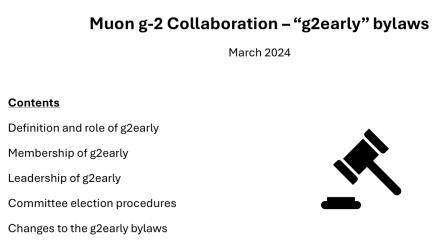


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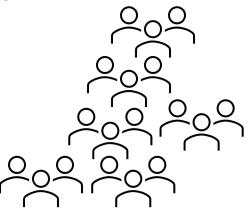
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## The Early Career Group (g2Early)

- Early career members of the collaboration
- Additional bylaws to the collaboration bylaws



- G2early committee (elected every year) comprises:
  - Institutional Board representative
  - Analysis Coordinator meeting representative
  - Speaker Committee representative
  - Publication Committee representative
  - Executive Board representative





### **G2early Initiatives**

- Slack channel dedicated to communications only between members
- Monthly meeting with spokespersons
- Closed doors meeting at each collaboration meeting:
  - Discussion of issues
  - Organize presentations with the goal of helping early career member to learn the details of the experiment and the theory of g-2 in a friendly environment
  - Invite speakers for formative lessons (*e.g.*, lecture on public speaking)
- Organize social events

## 🖨 gm2early 🔤 🛟 slack

Description

discuss early career issues or talk to likeminded folk

THIS IS INTENDED TO BE A RESOURCE FOR YOU, BASED ON EXPERIENCES I HAVE HAD (BOTH POSITIVE AND NEGATIVE).

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WE CAN DISCUSS THROUGHOUT OR ADDRESS OTHER TOPICS IF YOU PREFER TO TALK ABOUT THOSE!



### The Muon g-2 ED&I Committee

## Responsibilities of the committee:

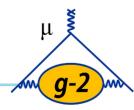
- Maintaining and promoting the g-2 Code of Conduct
- Annual tracking/presentation of collaboration demographics, distribution of talks and management staffing

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- Facilitating student mentorship
- > Maintaining a webpage, including access to annual report information
- Defining a policy for collaboration ombudspersons







### Muon g-2 Collaboration Code of Conduct

#### **Expected Conduct**

It is the responsibility of everyone to ensure that all Muon g-2 Collaboration members are welcomed, included, listened to, and respected. People should work to provide an environment that encourages the free expression and exchange of ideas. People should also promote equality of opportunity and fair treatment for all colleagues.

### **Repudiated Conduct**

Marginalization

Harassment

Discrimination B

Bullying

**Scientific Misconduct** 

**Abuse of Power** 

Meeting Conduct Meeting Chair(s) Responsibilities

**Respectful Communication** 

Listen to Others

### **Implementation & Enforcement**

Guidelines for people witnessing or experiencing infractions



### The Muon g-2 ED&I Web Page



#### 📥 Muon g-2 Internal

#### Bookmarks

Safety

Collaboration

Org Chart

Documentation

**BOE & CDR Browser** 

Emailing Lists

Reviews

Redmine

Pictures

Readytalk Archive

Speakers Committee

Publications Committee

ED & I Committee

### ED & I Committee

#### Private anonymous Comments to the ED&I Committee comment or suggestion Submit a comment or suggestion for the ED&I Committee here. Comments or suggestions viewable by See all public suggestions here. the collaboration **ED&I** Committee Members Anna Driutti David Kawall On Kim Saskia Charity Zepyoor Khechadoorian Documentation available to the collaboration **Documentation and Resources** ED&I Committee documentation is located at DocDB 25025.

For reference, the original documentation from the initial D&I Committee is located at DocDB 18359.



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## **ED&I Committee Initiatives**

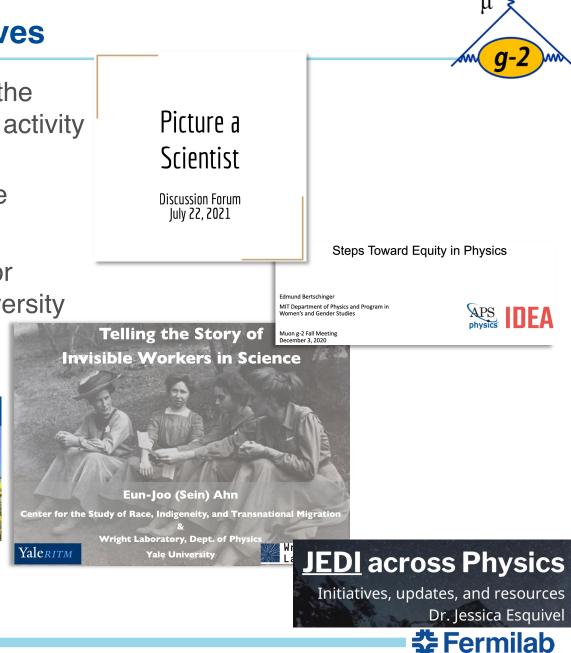
At each collaboration meeting the ED&I Committee organizes an activity such as:

- Updates from the committee
- External speakers
- Discussions about movies or articles related to equity, diversity and inclusion in Physics



EDI Update Muon g-2 Collaboration Meeting

Sandra Charles June 29, 2022



### **Connecting with other group/resources**

- The ED&I committee quarterly meets with the chief ED&I officer of Fermilab and the ED&I groups from other Fermilab collaborations
- Members of the Muon g-2 ED&I Committee participate to the Code of Conduct (CoC) workshop held by Fermilab in 2022 – Main goal of the workshop was reviewing CoCs and their role in promoting ED&I within Fermilab and its collaborations
- G2early career members participated in the Aurora Pride Parade



rmilab's first official participation in Pride was at the Aurora Pride Parade on June 12. Photo: Tim Skirvin

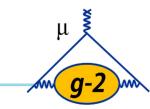


### Outreach

 The Muon g-2 Collaboration members participate to many outreach events, also the experiment is always open to visits and there are virtual tours available.



### Conclusions



- The Muon g-2 collaboration seeks to preserve an inclusive and equitable work environment, where respect is given and received by all members.
- Two ways in which the Muon g-2 Collaboration is trying to effectively promote and develop equity, diversity and inclusion within the experiment are the ED&I Committee and the g2early group.

