

# Report from Young Scientist Fora at LHC

The 7th Annual Large Hadron Collider Physics Conference

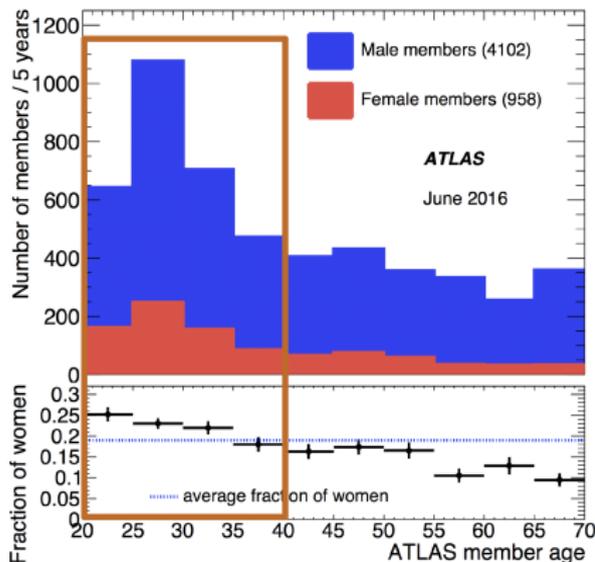
Ejiro Naomi Umaka

on behalf of ALICE, ATLAS, CMS, LHCb collaborations

Puebla Mexico, May 20, 2019



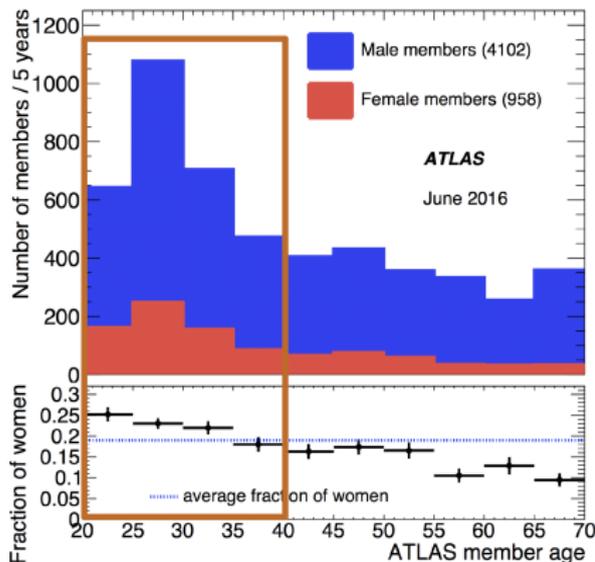
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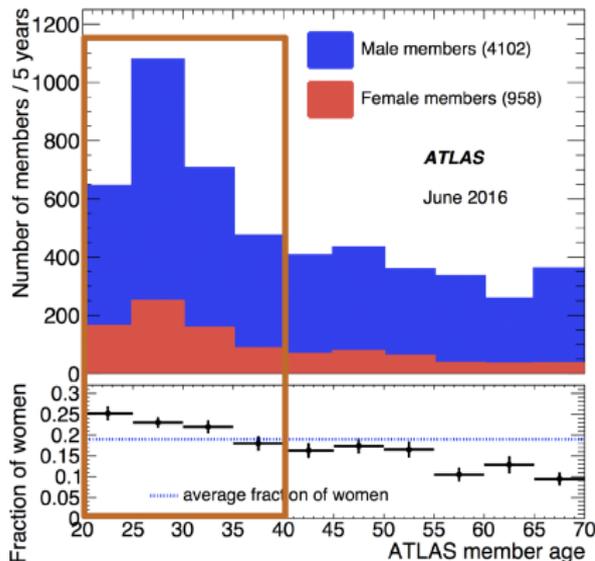
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- They are untenured researchers or members typically without a permanent contract.
- To recognize the needs and input from the large number of early scientists, several committees were created within all four experiments.



# History of the committees within all four experiments

## The Junior Community in ALICE

- Formed : 2010, ALICE

## CMS Young Scientist Committee (YSC)

- Formed : 2013, CMS

## Early Career, Gender and Diversity Office

- Formed : 2014, LHCb

## The Early Career Scientist Board (ECSB)

- Formed : 2017, ATLAS

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- Their structure, however is quite different



## Structure within the young scientist committees

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- **Junior Community in ALICE :**  
Junior Representatives vote in CB (3 out of 93) ; Also members in MB. 2 year mandate. Other subcommittees include Junior Ambassadors and Junior Committee (run elections for Junior Representatives)



# Activities within the fora (ATLAS ECSB)

## Induction events

- New comers get to meet with the spokesperson to provide a general introduction into the collaboration
- New induction : June 2019  
<https://indico.cern.ch/event/811664/>

## Future Colliders for fresh physicists

- Get early-career scientists involved in topics beyond their current work

## Meet and Eat

- Lunch between seniors & juniors

- Career QA event June 2019  
<https://indico.cern.ch/event/812401/>



# Activities within the fora (CMS YSC)

## Induction events

- To welcome new members

## Lunch with the Professor

- Informal meeting at one of the lunches with management

## Budapest CMS week

- Casual atmosphere to voice member related issues

## Reflection Group

- To revisit the CMS spokesperson (SP) election procedure

## New : CMS database

- Contains profiles of CMS members for internal and external use



# Activities within the fora (ALICE juniors)

## Juniors Diversity Workshop

- Interactive workshop on diversity management concepts and diversity at CERN for juniors only

## Analysis tutorials

- Writing an analysis task

## Underground Tour

- Visit ALICE detector in the cavern

## Junior's Day (every ALICE week)

- Scientific presentations by juniors
- Invited educative talk by senior expert
- Junior's dinner



## Joint activities within the fora

Strong collaboration in all four committees at the LHC

- **Fresh look at the universe**

Organized with ATLAS, CMS, and LHCb junior contacts/Early Career Scientist Boards (ECSB) : 4 talks on astrophysics, dark matter, and dark energy + free ice cream !



- **Career networking event** Organized by young scientist fora to network with physicists working outside hep.



- **Analysis Starterkit** Joint analysis tutorial between ALICE, LHCb and SHiP



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- **Reducing junior/senior barrier :**

Meet and eat events (ATLAS ECSB) and the Lunch with the professor events(CMS YSC)

Positive feedback have been received from both sides



## Feedback from the committees

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- **Social events :**

Journal club (ALICE juniors), Budapest week (CMS YSC), Ice cream event (ATLAS ECSB). Large attendance and positive feedback from attendees.



# Summary

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- All fora : Fresh look at the universe, Career networking event (Look out for 2019 events !)



## Contact information

### The Early Career Scientist Board (ECSB) ATLAS

- [atlas-ecsb@cern.ch](mailto:atlas-ecsb@cern.ch)

### Early Career, Gender and Diversity Office (ECGD) LHCb

- [arantza.de.oyanguren.campos@cern.ch](mailto:arantza.de.oyanguren.campos@cern.ch)
- [matthew.john.charles@cern.ch](mailto:matthew.john.charles@cern.ch)

### CMS Young Scientist Committee (YSC)

- [cms-young-scientist-committee@cern.ch](mailto:cms-young-scientist-committee@cern.ch)

### Junior representatives ALICE

- [alice-junior-reps@cern.ch](mailto:alice-junior-reps@cern.ch)

Thank you for your attention !

