



# Conclusions of the 10<sup>th</sup> MPI@LHC

Perugia

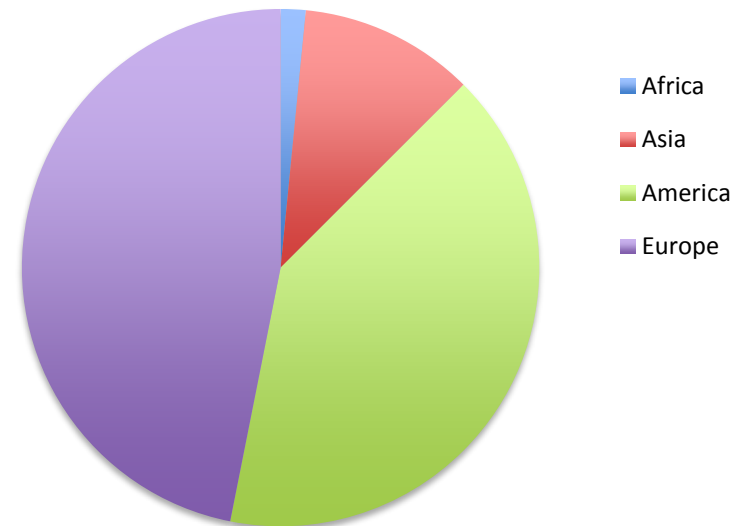
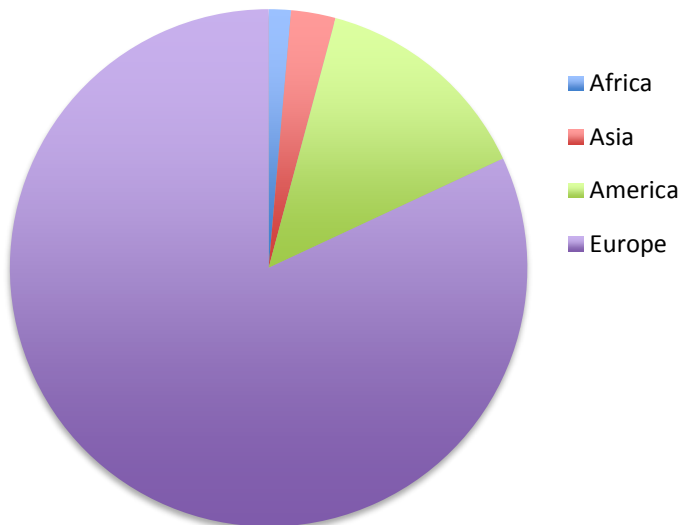
December 10-14 2018

# Participants



10<sup>TH</sup> MPI@LHC (2018)  
Perugia, Italy  
72 registered participants  
(10% local)

8<sup>TH</sup> MPI@LHC (2016)  
San Cristóbal de las Casas, Mexico\  
66 registered participants  
(10% local)





# Time Sharing Adapted to MPI@LHC requirements and Italian Lifestyle

- **Only plenary talks**
  - **Needed to keep together heterogeneous communities**
- Long breaks to allow for rest + discussion
- Program
  - 3 full days (9 AM – 7 PM) + 2 half days
  - The program includes a total of 40 hours
    - 28 hours for talks
      - 20% of the time reserved to Q/A
      - Mostly 20 min. talks; few 30 min. talks resulting from merging or multi-experiment, 50 min. for the anniversary talk, 20 min. for summaries.
    - 12 hours for breaks
      - 2h for each lunch, 0.5h for each coffee break



# Working Groups

- 1) Minimum Bias & Underlying Event - Conveners: Deepak Kar, Paolo Gunnellini  
→ **5 accepted talks** (9 in 2016) / 1 summary (1 in 2016)
  - 2) Monte Carlo development and tuning - Conveners: Stefan Gieseke, Andy Buckley  
→ **8 accepted talks** (12 in 2016) / 1 summary (1 in 2016)
  - 3) Double Parton Scattering - Conveners: Matteo Rinaldi, Daria Savrina  
→ **15 accepted talks** (12 in 2016) / 1 summary (1 in 2016)
  - 4) High Multiplicities (small system) - Conveners: Antonio Ortiz, Klaus Werner  
→ **13 accepted talks** (13 in 2016) / 1 summary (1 in 2016)
  - 5) MPI & Small-x & diffraction - Conveners: Michele Gallinaro, Francesco Hautman  
→ **12 accepted talks** (16 in 2016) / 1 summary (1 in 2016)
  - 6) Heavy Ions - Conveners: Sudhir Raniwala, Nestor Armesto  
→ **10 accepted talks** (not present in 2016) / 1 summary (0 in 2016)
- Including the anniversary and summary talks → **Total of 70 talks** (63 in 2016)



# Proceedings?

- Detailed MPI Monograph just published...
- We would recommend (again) optional arXiv



# 11<sup>th</sup> MPI@LHC

- **Candidates:**
  - Prague (first overview Today)
  - Karlsruhe (to be presented in early 2019 – IAB meeting)