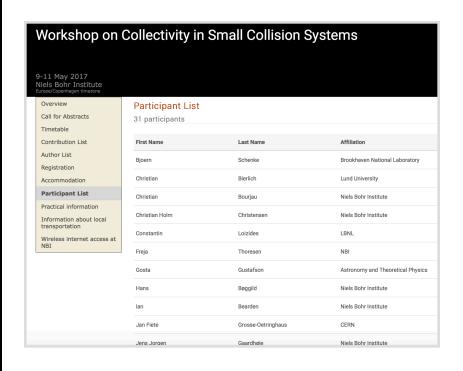
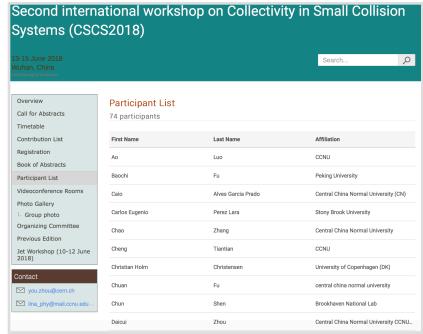
Closing of CSCS2018

Shusu Shi & You Zhou

CSCS2017 -> CSCS2018

- Topic of collectivity in small systems becomes hotter and hotter
 - attendance increase by a factor of 2









CSCS2017 -> CSCS2018

- Topic of collectivity in small systems becomes hotter and hotter
 - Attendance becomes younger (attendance of young physicists is crucial for the entire field!)







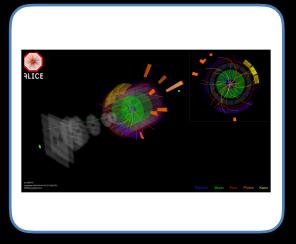


"Small" systems at LHC

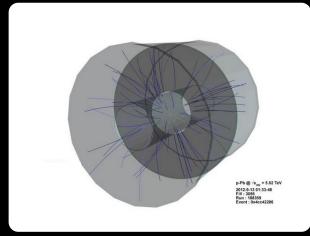
Xe-Xe collisions

p-Pb collisions

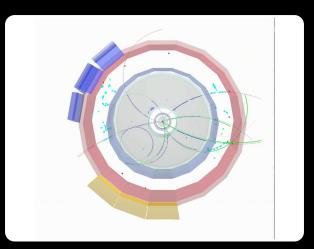
pp collisions



• 5.44 TeV



- 5.02 TeV
- 8.16 TeV

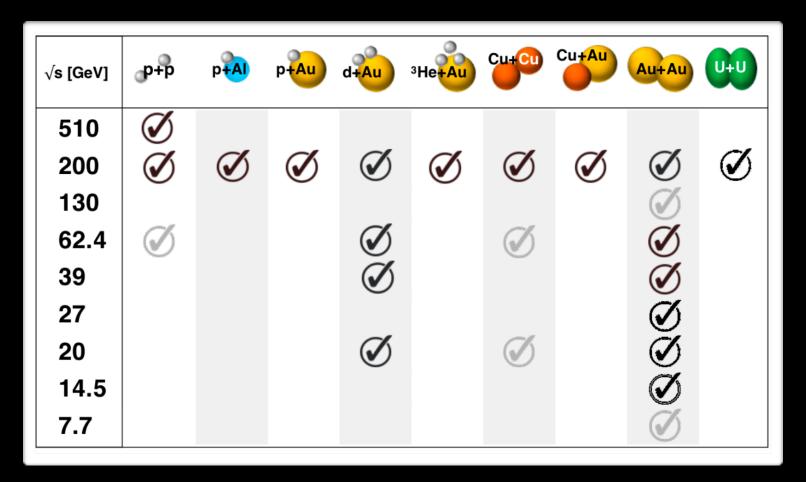


- 900 GeV
- 2.76 TeV
- 5.02 TeV
- 7 TeV
- 8 TeV
- 13 TeV





"Small" systems at RHIC

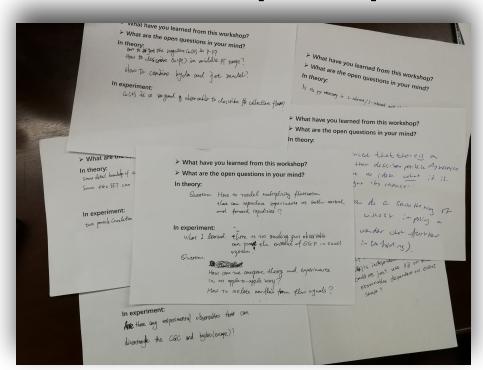


From R. Belmont @ QM18





What we learn from this workshop? What are the open questions?

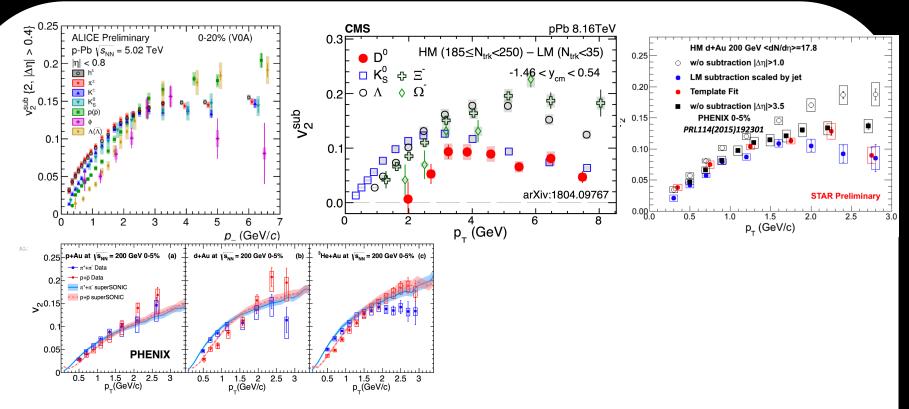


This slide will be updated after collecting all responses





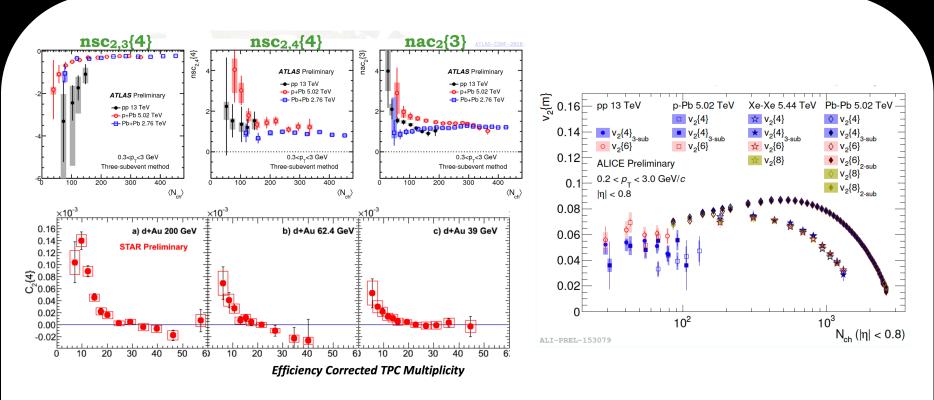
What we saw in this workshop



- Evidence of collectivity in small systems, in pp, p-Pb, d-Au, ³He-Au
 - Latest results reports by ALICE, ATLAS, CMS, LHCb, PHENIX, STAR
 - There might be still room for further



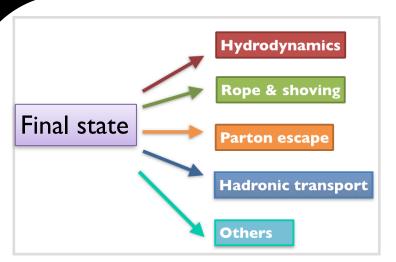
What we saw in this workshop

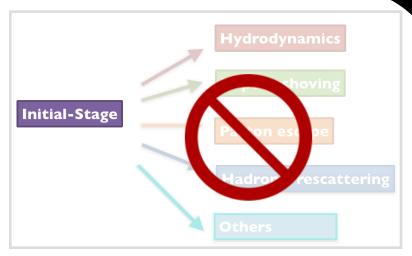


- Evidence of collectivity in small systems, in pp, p-Pb, d-Au, He-Au
 - Latest results reports by ALICE, ATLAS, CMS, LHCb, PHENIX, STAR
 - There might be still room for further



Remaining open questions





- What is the origins of the observed collectivity in small systems?
 - Initial stage correlation? Final state effects? Or Combined?
 - There is no model which can describe the overall picture
 - Possible answers in this workshop: IP-Glasma, iEBE-VISHNU, superSONIC, AMPT, Bayesian Analysis, Deep learning
 - Need key observable to discriminate ISE and FSE





CSCS2019?



