

# Asian Physics & Software Meeting 10/21

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# Status

- Participating in AEPSHEP school  
(Asia-Europe-Pacific school of high-energy physics)  
Date: 10/5 – 18  
Location: Korea Pyeongchang  
URL :  
<https://aepshep.org/index.html>
- Lecture: QED / QCD / Cosmology / Instrumentation etc.  
Timetable (you can see the slides of the lectures) :  
<https://indico.cern.ch/event/884244/timetable/?daysPerRow=5&view=nicecompact>
- Discussion among students & discussion leader (Postdoc)
- Paper Presentation (discussion group)  
/ Poster Presentation (individual)

# Plan – shower clustering

- How to evaluate the network more clearly  
→ check the CMS source code
- How to improve the accuracy  
→ Hyperparameter tuning (Layer size / types of parameter etc.)
- New input simulation data  
→ Double particle gun (?)