



# GWNU Activities



## 1. Members of GWNU

- \* Dr. JS KIM (@Gangneung)
- \* Dr. YW BAEK (@CERN, GWNU since March 2018)

## 2. Activities of GWNU

- \* **Detector Operation : Dr. JS KIM**
  - TOF QA(Quality Assurance)
  - R&D : MRPC study for large area coverage (Started July 2018 ~ )
- \* **Detector Operation : Dr. YW BAEK**
  - Muon Trigger & Muon Tracking : Run Coordinator (2018)  
163 On-Call shifts (03. 2018 ~ 12.2018)
  - R&D : Eco-gas study with MRPC
  - R&D : MRPC study for large area coverage



# GWNU Activities



## \* Analysis paper : Dr. YW BAEK

– Global Polarization of (anti-)Lambda @ 2.76 TeV in Pb-Pb

\* status : IRC reviewed and Round 1

– pp multiplicity dependent  $dN_{ch}d\eta$  (with Dr. Beomkyu KIM)

\* status : approved by the physics board and Round 0

## \* R&D paper : Dr. YW BAEK

– MRPC with eco-friendly gas (RPC 2018 – Mexico)

\* arXiv : <https://arxiv.org/abs/1806.00649>

\* JINST : under proceeding

– MRPC study for large area coverage

\* Preparing for paper