



# **GWNU Status**

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# GWNU status



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## 1. Members of GWNU @ Ko-ALICE

- \* **Dr. JS KIM (@ Gangneung)**
- \* **Dr. YW BAEK (@ CERN): Research Professor @ GWNU since 01. 01. 2021**
- \* **Mr. BK MIN (Master student): until 30. 11. 2021 @ Ko-ALICE**
  - In the fifth semester
- \* **Mr. SW PARK (Master student):**
  - In the first semester





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## 2. Analysis paper @ ALICE : Dr. YW BAEK (with Prof. BK KIM)

Eur. Phys. J. C (2021) 81:630  
<https://doi.org/10.1140/epjc/s10052-021-09349-5>

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Regular Article - Experimental Physics

### Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at $\sqrt{s} = 5.02, 7$ and 13 TeV

ALICE Collaboration\*

CERN, 1211 Geneva 23, Switzerland

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**Abstract** The multiplicity dependence of the pseudorapidity density of charged particles in proton–proton (pp) collisions at centre-of-mass energies  $\sqrt{s} = 5.02, 7$  and 13 TeV measured by ALICE is reported. The analysis relies on track

In pp and p–Pb collisions, the selection of events with large hadronic final-state multiplicities biases the sample towards a large average number of Multiple Parton Interactions (MPIs) at the LHC [9, 10]. In the description provided



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## 3. GWNU Activities & presentation

### \* Dr. JS KIM

- R&D : MRPC study & TOF QA(Quality Assurance)
- **Presentation** : GWNU status

### \* Dr. YW BAEK

- MID(Muon IDentifier) run coordinator & R&D : MRPC study
- **Presentation** : MID status

### \* Mr. SW PARK

- R&D : MRPC study
- **Presentation** : Building and structure for 4 stacks of MRPC