

# Recent Updates

- ▶ **Logging of target-related parameters**
  - ▷ Implemented a general-purpose VI to record a variable array onto TSV
    - ▷ In local folder: Desktop/target\_data/ and/or
    - ▷ In network folder: /data2/e1039\_data/target\_data/
  - ▷ Continuous loggings are running fine
    - ▷ Cryo Control
    - ▷ Roots-pump LCW
    - ▷ Thermocouples for Annealing & Microwave Control Systems
  - ▷ Simple data viewer on E1039 data summary
    - ▷ <https://e906-gat1.fnal.gov/data-summary/e1039/>
- ▶ **Automated alarm via WhatsApp**
  - ▷ About NM4 LCW
  - ▷ Will include other systems (after confirming+improving stability)
- ▶ **Arrangement of GitHub repository**
  - ▷ Dedicated repositories for Cryo Control and PDP:
    - ▷ <https://github.com/uva-spin/Cryo-Control>
    - ▷ <https://github.com/uva-spin/PDP>
  - ▷ To avoid uncommitted changes and unnecessary conflicts
- ▶ **Measurement of NMR noise level — In another presentation**