SiPM Mass Tests and HWDB

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Current Status – Mass Tests System

- From the last meeting, we had a few more iterations and modification of the tables, and we now reached consensus among all people involved

  - "Raw data" and results separated for Mass Test System (CACTUS) data, with Date+Location used as key value to communicate between tables

  - A few more columns were added (comments, a Boolean for the SiPM being in specs)

  - We ran several tests successfully

  - The tables are in the material of this talk

- Ferrara, Bologna, Granada, are all taking data with fully operational CACTUS, MiB and Prague will soon follow

- The output data must be converted in the format used in the tables by means of a script (currently being written in Ferrara)

- One this is done we can start populating the tables (within this week or beginning of the next)

Current Status – Valencia System

- We had an iteration with Valencia a few weeks ago, and agreed on the structure of the tables (for the gain and detailed DCR)

- However, we've seen with the mass tests that once things start running, we can expect a few changes

- We're ready to plan other iterations with people from Valencia and start populating the tables once data is available

What's Next on the HWDB Side

- Current version of Sisyphus (app used to communicate with the HWDB) is already suited for our needs

- As you know, a new version of the HWDB and of the app will be released soon; also bug fizes are ongoing on the US side

- As soon as this is in a finalized stage, we will plan a re-population of the new HWDB