



PACS Newsletter

Nr. 8, 3 November 2006



The PACS Picture of the Week



Fig. 1: Members of the PACS ICC at the start of the Short Functional Test at HeI temperature, (Tuesday, October 31, afternoon).

Status

The LTU tests on Monday, October 30, were successful and quick (see figure 3). We therefore decided on Tuesday to immediately start the SFT HeI (i.e. not to wait for Thursday morning). In the beginning this went smooth, too: chopper and filter wheels operated, the grating did something (although it is not clear yet if it worked as expected). But then, during the heater part of the SFT, the DECMEC crashed. Despite several attempts to switch off and restart everything we couldn't get the DECMEC to work again. It always stopped after one or two minutes.

On Thursday (yesterday) we continued to analyse the DECMEC problem, which finally could be identified and solved. We were, therefore, able to continue and finish the SFT HeI! The data are being analysed right now. For a preliminary comparison of the bolometer detector chain test data with the LTU test see figure 4!

On Thursday we also managed to perform some of the OGSE tests (BB stabilisation times) that were originally planned for today. So - believe it or not - *we are ahead of schedule!!!* (Well, the current schedule that is...)



Fig. 2: *left to right*: the PACS Newsletter editor and the Test Manager on duty during the SFT HeI, keeping everything in check.

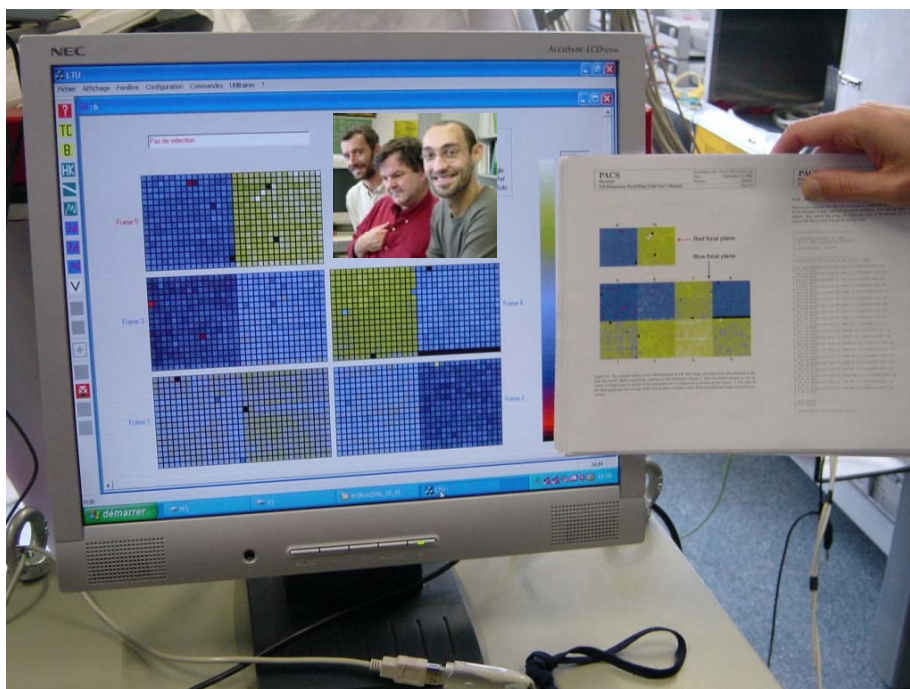


Fig.3: the LTU tests went smoothly on Monday

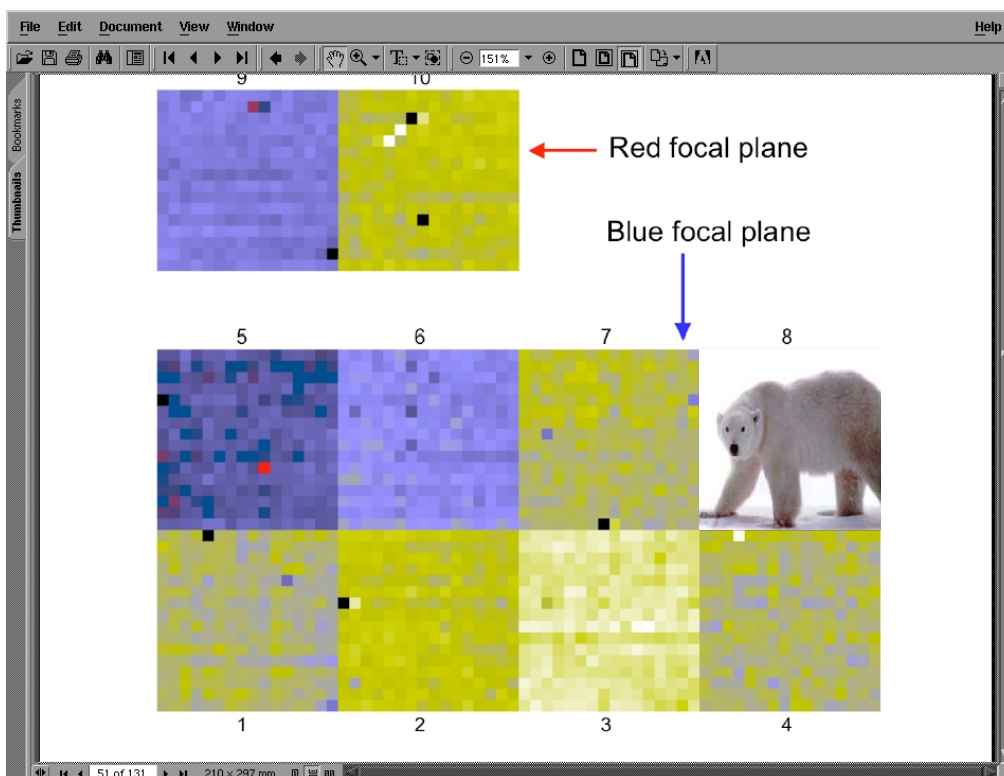
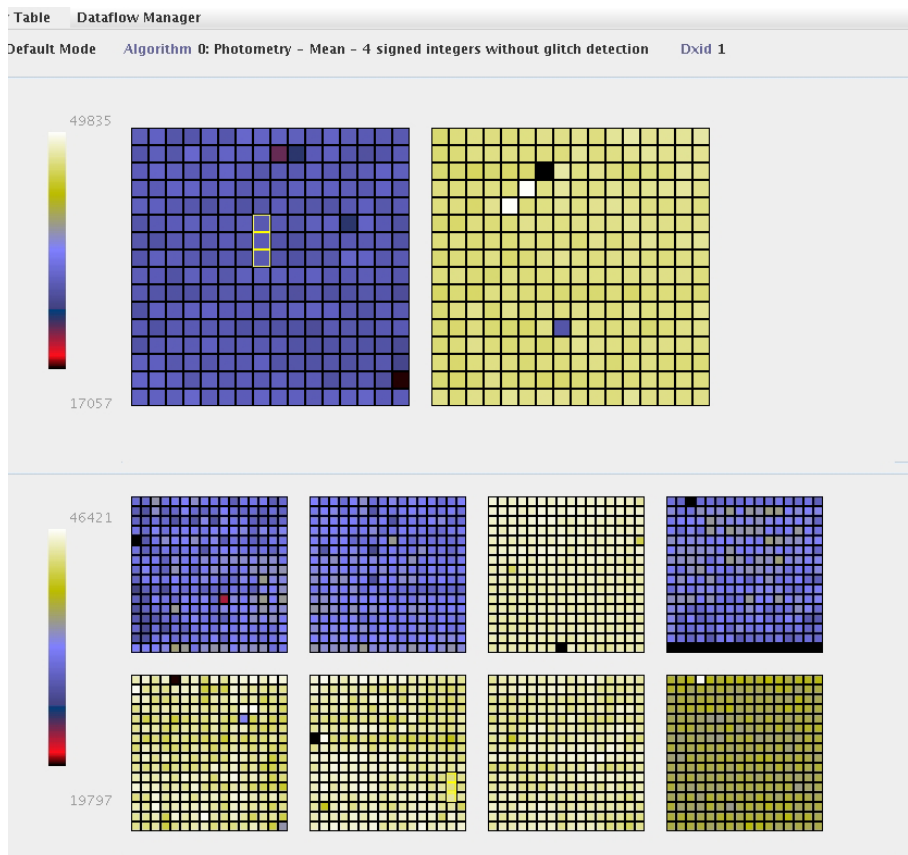


Fig.4: QLA screen shot of the bolometer SFT (*top*) compared to the LTU output (*bottom*). (Note the unexpected event recorded in sub-array 8).

The PACS Newsletter is edited by:
 Dr. Eckhard Sturm (PACS ICC Deputy Manager)
 sturm@mpe.mpg.de