



# Tipp 2014 - Third International Conference on Technology and Instrumentation in Particle Physics

## Tuesday, June 3, 2014

### III.c Embedded Software: Session 1 - Administratiezaal (11:00 AM - 12:40 PM)

-Conveners: Clara Gaspar

| time     | [id] title   | presenter                     |
|----------|--|-------------------------------|
| 11:00 AM | [74] The Serial Link Processor for the Fast Tracker (FTK) processor at ATLAS   | LUCIANO, Pierluigi            |
| 11:20 AM | [95] The Fast Tracker Processing Unit future evolution   | GENTSOS, Christos             |
| 11:40 AM | [233] A High Performance Multi-Core FPGA Implementation for 2D Pixel Clustering for the ATLAS Fast Tracker (FTK) Processor | SOTIROPOULOU, Calliope-louisa |
| 12:00 PM | [100] Correction for pile-up effect based on pixel-by-pixel calibration for tomography with Medipix3RX detector            | RINKEL, Jean                  |
| 12:20 PM | [241] TRB3 Platform for Time, Amplitude and Charge Digitisation  | Mr UGUR, Cahit                |

# Friday, June 6, 2014

## III.c Embedded Software: Session 2 - Berlagezaal (11:00 AM - 12:40 PM)

-Conveners: Lauren Alexandra Tompkins

| time     | [id] title  | presenter             |
|----------|---|-----------------------|
| 11:00 AM | [281] Firmware development and testing of the ATLAS IBL Back-Of-Crate card        | WENSING, Marius       |
| 11:20 AM | [283] Firmware development and testing of the ATLAS Pixel Detector / IBL ROD card | CHEN, Shaw-Pin        |
| 11:40 AM | [76] Associative Memory computing power and its simulation.                       | Dr VOLPI, Guido       |
| 12:00 PM | [330] GPU for online processing in low-level trigger                              | FIORINI, Massimiliano |
| 12:20 PM | [360] Applications of embedded full gamma spectrum decomposition                  | MOL, Aran             |