

Gaia DPCT experience in data processing and data management

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The DPCT is one of the six Gaia Data Processing Centers belonging to the Gaia Ground Segment and it is the result of a joint effort between the science team of INAF-OATo and the ALTEC industry team, started in July 2008 to support the Italian participation to the Gaia mission data processing tasks (AVU data reduction sw systems). DPCT operations started about one month after the Gaia satellite launch and since then data have been received and processed without interruption with a hundreds of thousands of executed workflows and jobs and databases size of hundreds of terabytes. This talk is focused on all the data processing pipeline (management) phases: data receiving, data processing, data extraction, data archiving and data retrieving.

Author: BUSONERO, Deborah (Istituto Nazionale di Astrofisica (INAF))

Presenter: BUSONERO, Deborah (Istituto Nazionale di Astrofisica (INAF))

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