GENIUS report
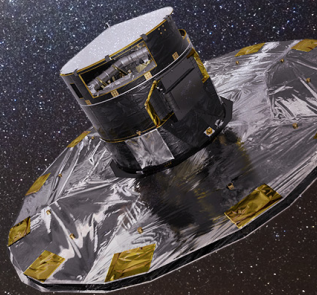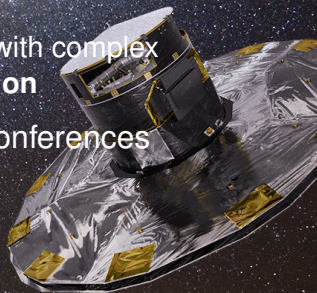
- ► Arkadiusz Hypki
- ► CU9
- ► Leiden University
- ► 1.1 yrs within DPAC

Deliverables

- GAIA-CU9-TN-LEI-HYP-001
  - T2.3 Confronting complex models with complex catalogues - **User Requirements Specification**
- GAIA-CU9-TN-LEI-HYP-002
  - T2.3 Confronting complex models with complex catalogues - **Technical Specification**

Verification of ideas on workshops and conferences

BEANS

BEANS – solution for comparing complex numerical models (of any size) with the Gaia archive
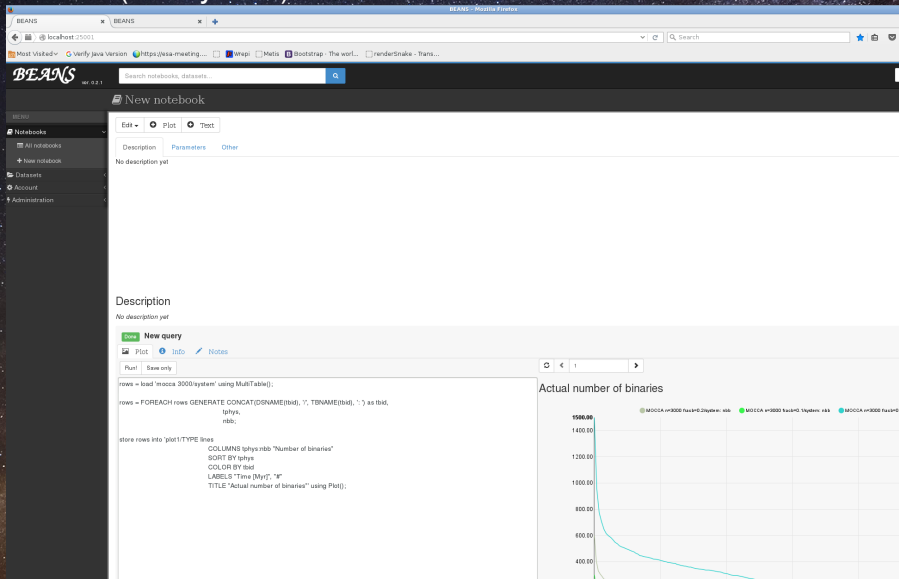
BEANS

BEANS – solution for comparing complex numerical models (of any size) with the Gaia archive

- ► fully distributed data storage for tabular data (Apache Cassandra)
- ► distributed data analysis (Apache Pig)
- ► web interface
- ► visualisation (D3, `http://d3js.org`)
- ► searchable by metadata (Elasticsearch)
- ► automatic detection of the change of data
- ► ...
- ► currently working on GACS connector