Data Analysis & Reprocessing status

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AGATA week 2023, Legnaro

Team goals

- Support on data transfer management:
  - ➥ script and documentation to simplify data transfer from the grid

- Support on data processing:
  - ➥ Organization of workshops dedicated to data analysis
    - → The last one at LNL in September 2023
    - → Next one in discussion (probably Lyon in early 2024)
  - ➥ Software update and support
  - ➥ Providing documentation

Software in AGAPRO

- LNL ancillaries in AGAPRO:
  - Developed by the local team and gradually integrated into the main branch
  - Since last AGATA week: adding Oscar and Sauron in TreeBuilder

- Post PSA treatments (see Elia's talk Thursday morning):
  - new upgrades on the neutron damage correction
  - new developments for correcting gain drifts at high energies.
    Programs and manual available online: https://github.com/matLogh/CCM

Software for scanning

- New *Scanning Table Data Processing* (STDPro) package for data from scanning tables:
  - include only TNT2 to ADF producer for the moment
  - collaborative work can be done to be adapted to other scanning tables

- New actor:
  - *IKP2AGATAConverter* for playing with segment numbering conventions

Other software

- AGASPY:
  - T0 global spectra added to the spy
  - don’t hesitate to request other data that could be useful online

- Cubix:
  - First official release of the version 1.0 in February
  - New debug and tools frequently updated (check Release Notes)
  - Full documentation and release notes on https://cubix.in2p3.fr

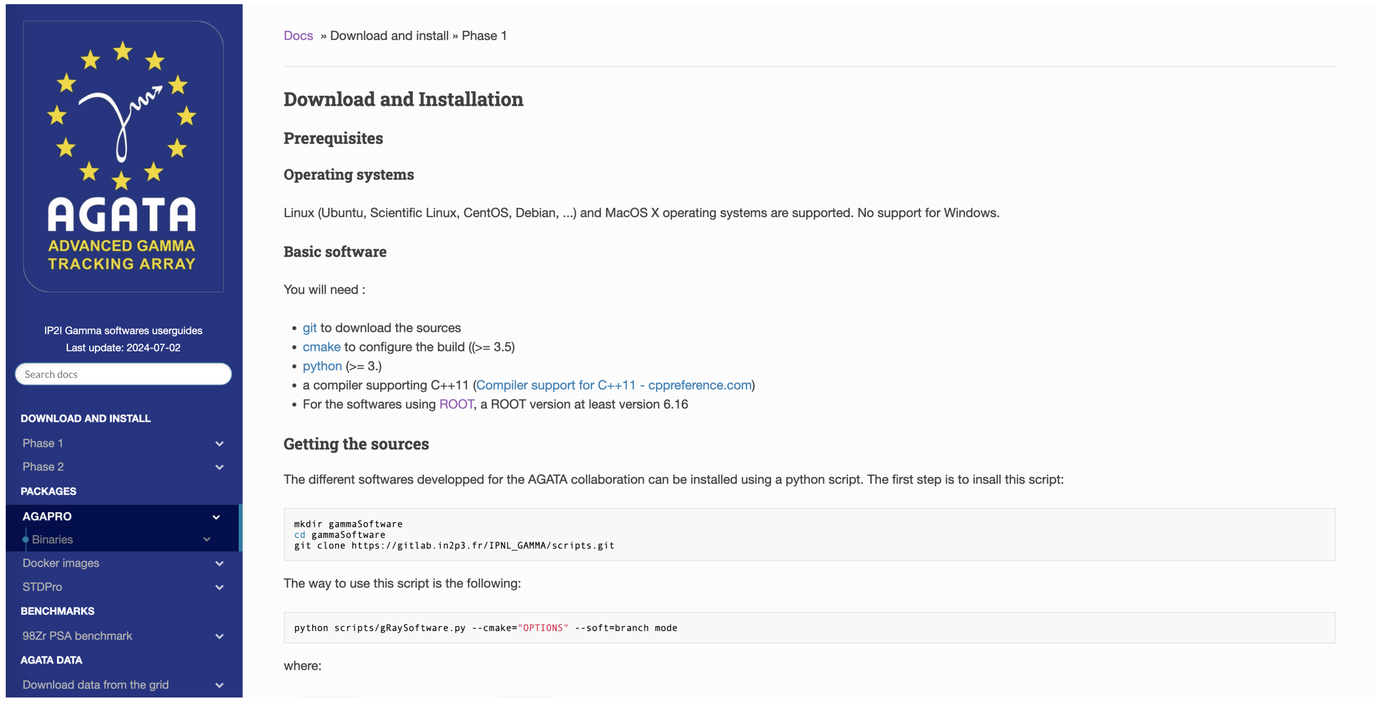
Grid access

- **New docker image with the Grid User Interface installed**:
  - ➥ allows anybody with a certificate and VO to access the data from its personal computer

- Full documentation on the AGATA user guide web site:
  - ➥ https://agata.pages.in2p3.fr/handbook/data/grid/

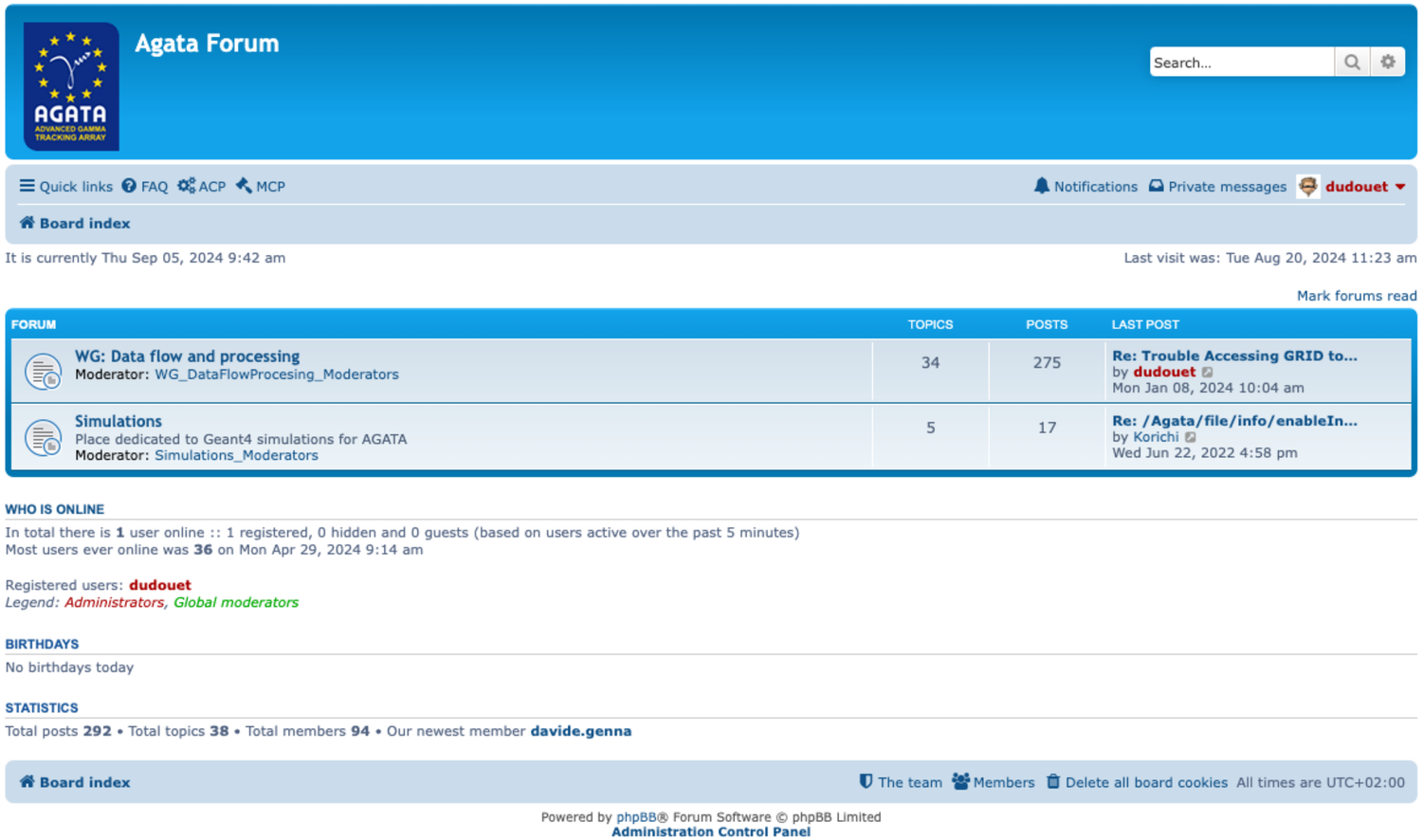
Documentation

- AGATA user guide web site: https://agata.pages.in2p3.fr/handbook
  - software installations
  - available docker images
  - grid data access manual
  - benchmark datasets documentation



Documentation

The AGATA forum is still available for any topics related to AGATA analysis:
http://agata.in2p3.fr/forum



Any other Business

EURO-LABS Advanced Training: Open Science and Data Management
24-29 November 2024 in the castle Ebernburg (close to Frankfurt)

- Subjects:
  - Introduction to Open Science
  - Introduction to Meta data
  - Good practices in collaborative developments
  - Hands-on data challenge on the full week

- Application dead line: 29th of September 2024
  - https://indico.gsi.de/event/19808/
  - ~ 20-25 participants will be selected from the applications

Merci !