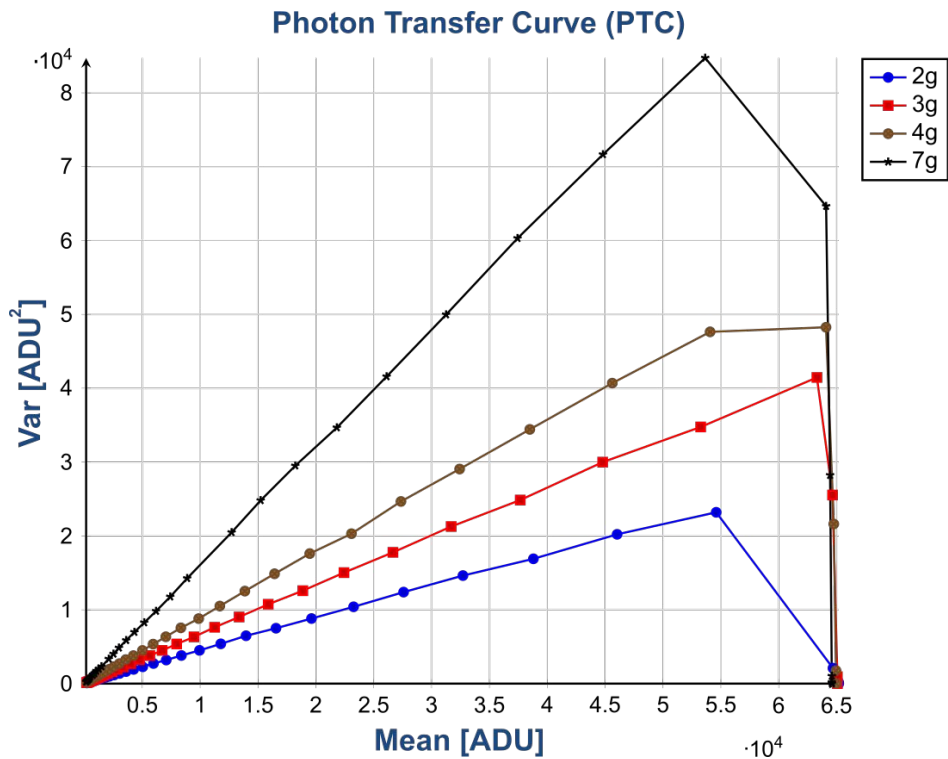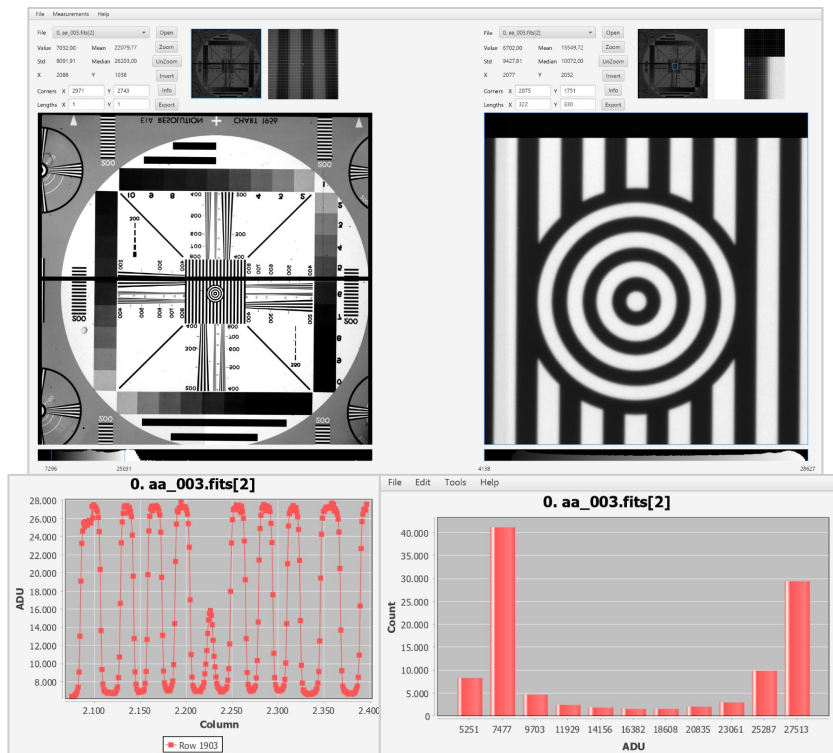# CCDApp, A Modular Multi-Platform Detector Characterization Oriented Software

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CCDApp?

- DQC Project at CTIO
  - **Automated** and **remote** CCD detector characterization process.
  - **Optimizes, prevents** and **detects** faults in the **multiple cameras** operated by CTIO.
- Java?
  - is a **cross-platform** language by definition.
  - **Native package** for the development of **graphical interfaces** called JavaFX.
- Modular?
- Executable?
  - The graphic mode can be executed with a simple **"double-click"**

- Two Modes
  - Graphic Mode
    - **Simple** Measurements
  - Script Mode
    - **Advanced** and **Custom** Measurements.
- Results?
  - Characterization process of the high-performance Back Illuminated E2V CCD44-82 detectors of the **STELES** project in **SOAR** telescope.
- Future?
  - Once the software is tested, the CCDApp will be open to the public as **"Open Source"**.

CCDApp: Visual Mode / Script Mode

Thanks!