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Andrea Bulgarelli: CTA and ASTRI technological activities @ OAS and the CTA Science Alert Generation system

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The technological involvement of OAS in the ASTRI, CTA, and LST projects covers many aspects of software development, computing, and software project management including quality assurance, development of automated pipelines for data quality checks and scientific analysis of the mentioned projects, development of deep learning algorithms, and software for data acquisition and control of ASTRI telescopes. In addition, OAS has also the responsibility of the automated pipeline to detect gamma-ray transient and generate science alerts for the CTA Observatory.
This contribution gives an overview of these activities.

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