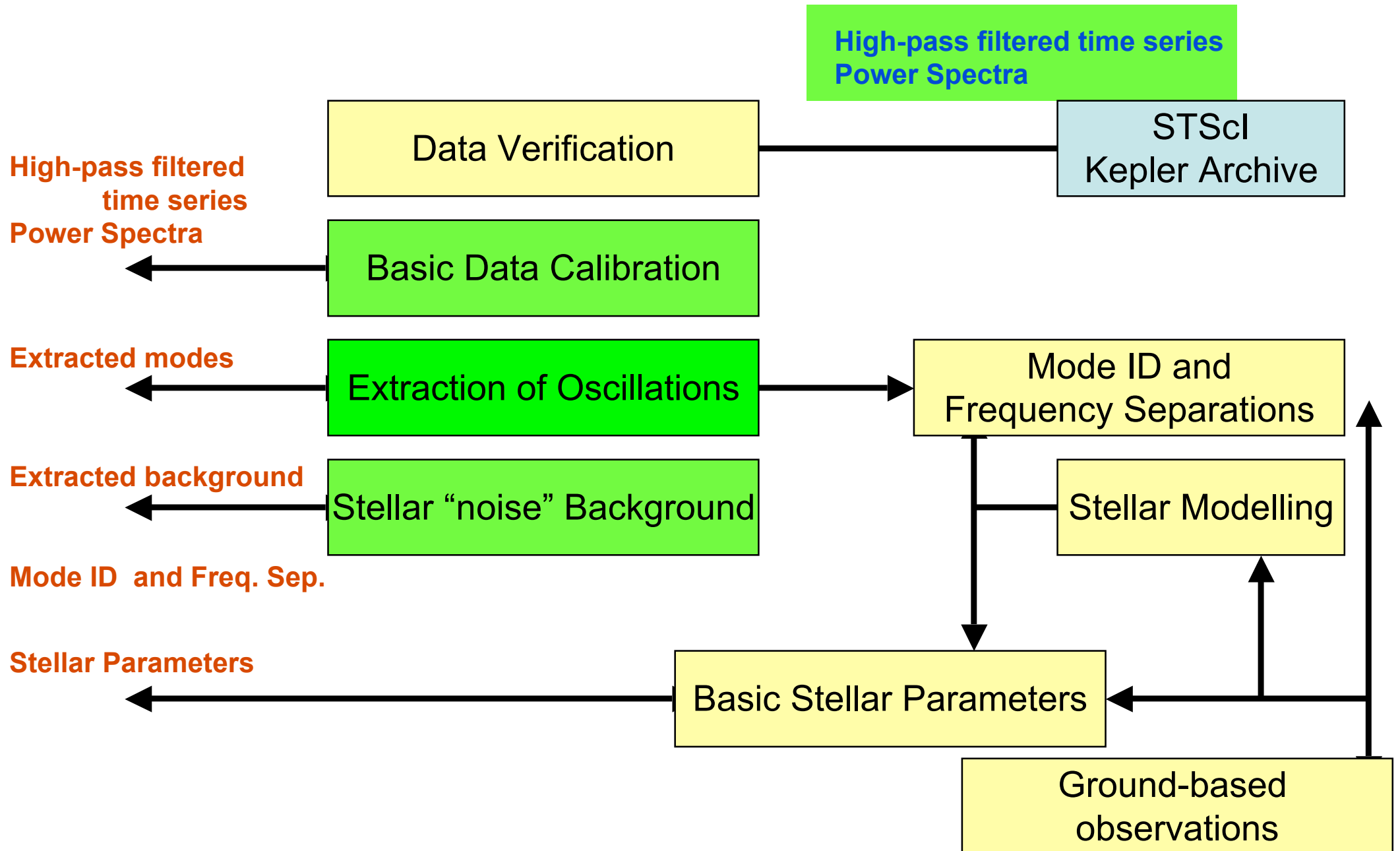


# Data-analysis algorithms and pipeline



# Define requirements for Transit Removal Filter

- High-pass and/or Low-pass (Band-pass filter)
- Deep transits and "in-visible" transits
- Non-disclosure agreement

# Set up a working group to define the framework for the KASOC pipeline

- Ensure that we “speak” the same language
- Define standards and units of deliverables and interfaces

# KASOC pipeline for solar-like oscillations and classical pulsators

- Ensure that pipeline is set-up for analysis of classical pulsating stars
- In principle we may have several pipeline running in parallel.
- Solar-like stars / Classical pulsating stars ( $\delta$  Scuti stars,  $\beta$  Cephei stars, SPB, sdB, white dwarfs, roAp stars, RR Lyrae, Cepheids)
- WP's and ICD's

# Test and verification

- Use simulators to generate different time-series and verify the general properties of the pipeline
- AsteroFLAG, Aarhus Simulator