



PROGRAMME
DE RECHERCHE
NUMÉRIQUE
POUR L'EXASCALE

ExaDoST - Work Package 2

Breakout session with SKA

Session Leaders: Yushan Wang / Damien Gratadour

WP2 + SKA

- High priority task 1: PDI integration in selfcal + imaging workflow to cope with evolution in data format standard (MSv2 -> MSv4)
 - in KillMS (mini-app for calibration)
 - in Sunrise imaging workflow (simpler than DDFacet, kind of mini-app)
- High priority task 2: explore integration of Deisa in Sunrise imaging workflow
 - Quality Assessment, Viz, Automatization, Checkpointing
- High priority task 3: explore integration of Damaris with KillMS + DDFacet (ddf-pipeline)
 - Optimize overlapping opportunities between I/O and compute

WP1 & WP3 + SKA

- WP1: see Francois' presentation
 - Connection with work @ DDN
- WP3: see Thomas' presentation
 - Availability of end-to-end simulator is key here and can feed the several activities