

Summary – Genesis session (1/2)

- PDR of Genesis mission successfully finished end of 2025
- Time is running!
- Joint Pilot Projects between IAG WG and ESA WG1 to test analysis and combination strategies initiated
 - Sentinel 6A, LAGEOS 1, Genesis
 - respective goals to be defined
 - Mix of real and simulated observations
 - Next steps with pilot projects need to be defined with clear instructions
- Genesis Mission Reference Orbit has been defined and made available by ESA
 - Wishes for updates (simulation for past, solar radiation pressure model, ..)

Summary – Genesis session (2/2)

- Orbit combination at normal equation level is promising strategy
 - stacking of positions (and velocities)
 - Development of SINEX format for orbit combination needed along with other tables
- Other orbit determination strategies need to be followed as well
- Recommended near-field delay model for VLBI required (conventions)
- There is awareness that IAG Services must get ready