Summary

- # Presentations
  - – theory in the VO, useful tools (UCD, metadata…)
  - – Ongoing projects
    - Advanced: PDR, Basecol, ASAP, Besançon, but also TITAN
    - Starting: GalICS/HORIZON
  - – Others numerical projects aiming to contribute to TVO (prospective)
    - Maybe too early for some of them but ready for TITAN

Some issues/points discussed (1/2)

- Some numerical groups missing:
  - IMCCE (SkyBot a good theoretical service)
  - Stellar hydrodynamics (e.g. ESTER project)
  - People (from theory groups) in Nice?
- Registries:
  - easy-to-use ? Even non-VO services could registered (right?)
  - Detailed description of all parameters
  - But still no theoretical service registered
- Two ways (complementary) to publish in the VO:
  - Services: alternative to source distribution (e.g. TITAN)
    - Not only for short CPU needs (asynchronous services)
    - Range of parameters could be constrained/checked by the interface
    - Defaults values for some parameters
    - Should (the experts/developers) mask some less important parameters ?
  - Grid of models (sampling parameter space) $\Rightarrow$
    - database/catalogues (but storage/huge SQL requests issues)
    - Solve CPU time issues (e.g. cosmo)
  - Combination of both

Some issues/points discussed (2/2)

- UCD/utype:
  - redundant or complementary?
  - Issue on parameters with various definition (e.g. χ)

- Binary data:
  - base64 encoding encapsulated in XML/VOTable?
  - FITS files…
  - Input reading routines associated to data

- Not discussed but important: workflows, grid.

Further meetings ?

- National/international meetings:
  - National for progress reports, advertising,…
    - Could be done in parallel of or during others national events (e.g. SF2A congress, plenary VO-France meetings,…)
  - International for technical discussions on DM, Simple Protocols…
    - More useful than mailing lists ?
    - Euro-VO and/or VO-France fundings ?