Theory I.G.
Closing session

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Heidelberg - InterOp - 17 may 2013

DAL / Theory session

- Datalink useful for theory use cases

- First implementation compliant with CADC' one

- Work in progress to define Datalink (see DAL summary)

- Theory I.G. associated in the Datalink definition

Theory II session

- VisIVO presentation by Ugo Becianni - Trieste
  - visualization of simulations results / different file formats supported
  - client + server solution
  - may integrate SimDAL once done

- VOSPECFLOW presentation by Ana Palacios - OV-GSO
  - comparison of observational and theoretical spectra
  - SSAP used to publish theoretical spectra

SimDAL

Difficulty to query SimDM : meta-model

- **SimDAL** presentation by David Languignon
  - feedbacks on implementations : SimTAP, functional API, ...
  - no fully satisfying solutions
  - main difficulties : querying & number of columns (~150 000)

- **SimDM serialization** presentation by Gerard Lemson
  - overview of possible use of VO-DML / new utypes for SimDAL
  - Pb : no feedback on how to manipulate current VO-DML draft

SimDAL - conclusions

SimDAL outlines :
- SimDAL should not rely on a specific technology
- API based protocol
- Serialization : SimDM + VO-Table

Need to have a SimDAL 1.0 as soon as possible
- proposition 1.0 not tied to new utype proposition
- still needs to define metadata service TAP_SCHEMA like

- Tele-conf once a month