How Can Data Models Help to Enhance **Interoperability**

Scientists - Data providers - Developers
Model users have the floor

Workshop step #3: Interop Sessions

- **Model users have the floor**
  - No model diagrams
  - No XML
  - Developper point of view
  - Science cases

- **Expected returns for the community**
  - Connection between modeler and model users
  - New model cases
  - Vision of where the model developments could end up.

Agenda

Session #1 Model users have the floor

Time: Wednesday May 26 15:00 UTC

Speaker	Title	Time	Material
Laurent Michel	Introduction	8'	pdf
Jesus Salgado	Data Models: Homogeneous view for heterogeneous data	10+3	pdf
Jean Michel Glorian	A developer's point of view on the use of models in the votable	12+3	pdf
Matthias Fuessling	Science case requirement for CTA	10+3	pdf
François Bonnarel	Mango YAML serialisation	8+2	pdf

Moderator: Laurent, Notetaker: Jesus, **notes: Etherpad link**

Session #2 Model users have the floor

Time: Thursday May 27 15:00 UTC

Speaker	Title	Time	Material
Laurent Michel	Introduction	4'	pdf
Gilles Landais	Annotated VOTable in VizieR	12+3	
Ian Evans	Science considerations for IVOA data models	12+3	
Jean Marc Petit	Asteroids: astrometry, photometry, dynamics, survey modelling	10+3	
Laurent Michel	Binding PyVO with MANGO	10+3	

Moderator: Laurent, Notetaker: Jesus, **notes: Etherpad link**

Session #3 Let's talk mapping syntax

Time: Friday May 26 15:00 UTC

Speaker	Title	Time	Material
Laurent Michel	Introduction	5'	
Gerard Lemson	VODML Mapping Syntax + tool	20+5	
Laurent Michel	ModelInstanceInVot: alternative or evolution	10+3	
Mark Cresitello Dittmar	Summary	10+3	

Moderator: Laurent, Notetaker: Jesus, **notes: Etherpad link**

DM-WG - Laurent Michel Jesus Salgado - LockTown#3 - May 2021