



# Theory I.G.

## Opening session

Franck Le Petit

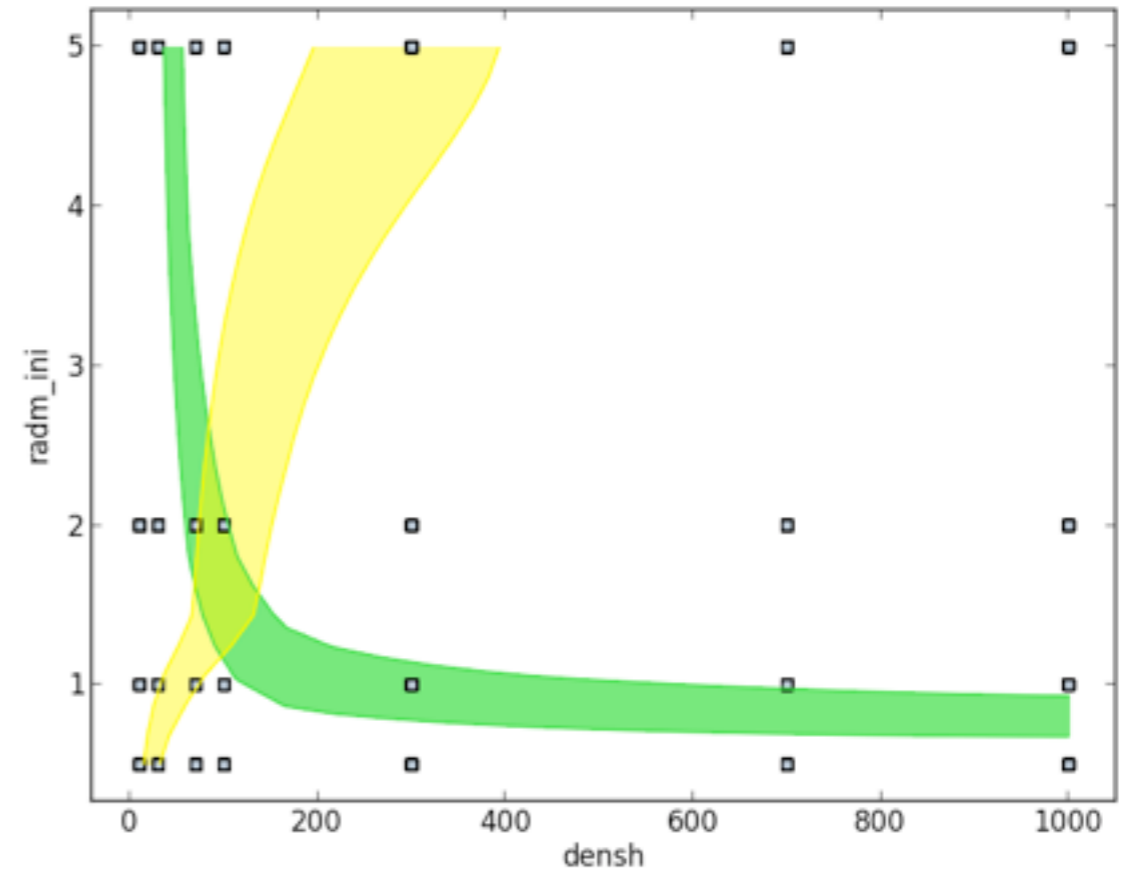


# Theory I.G. Goal

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## Define an access protocol :

- **discovery of data / protocol**
  - from input parameters
  - observables -> inverse problem
  - other elements of SimDM
- **extraction of data**
  - cutout in space coordinates
  - cutout in properties



**Challenge** : theoretical services may have a large number of metadata

From last interop : several implementations :

*SimTAP, object oriented D.B., Virtual tables, ...*

Discussions about these implementations and choices for the developement of the protocol

# Session 1 - Monday 13th may at 16h00 - 17h30

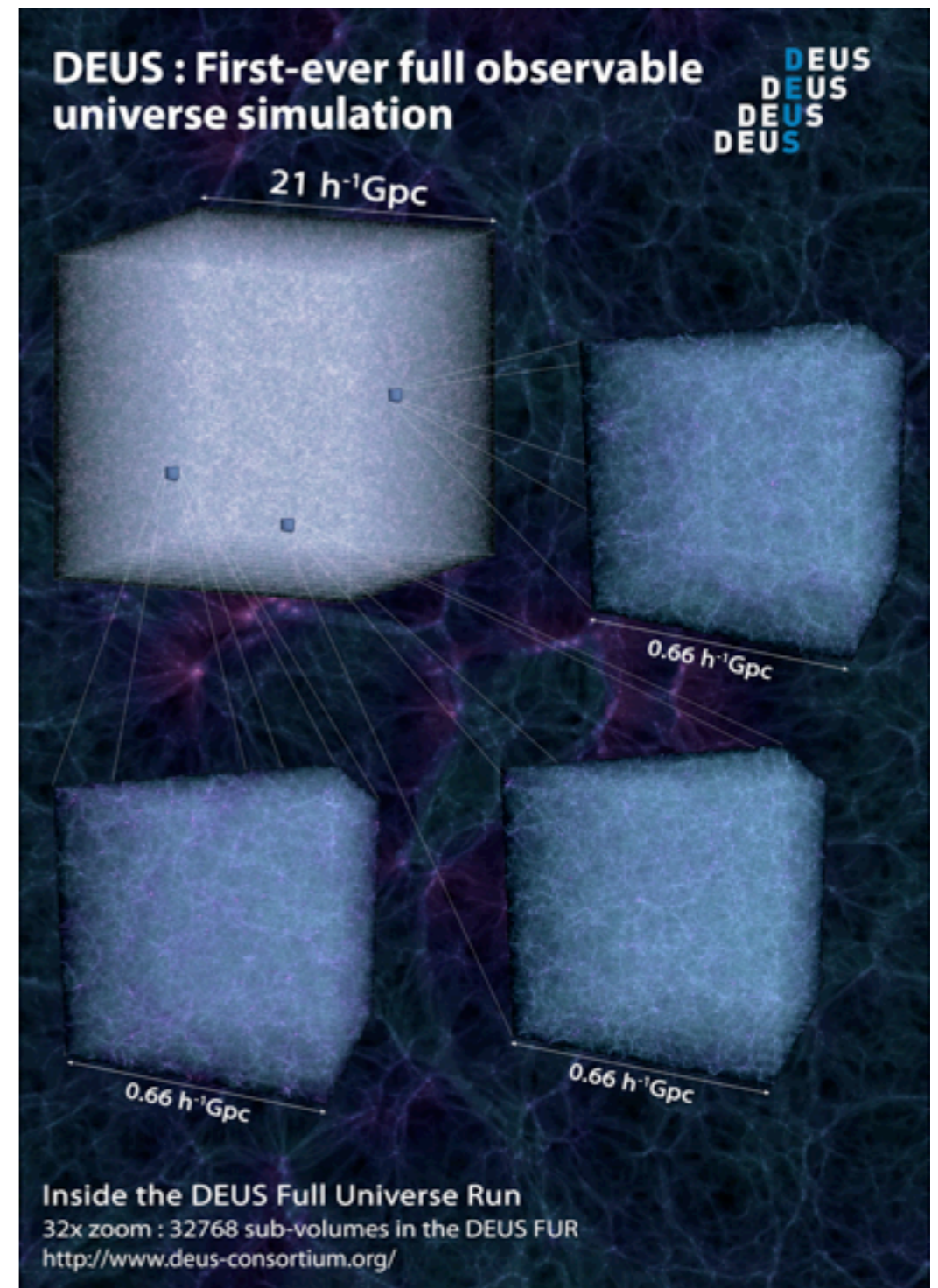
Session common with DAL W.G.

## Datalink

Description of the possible operations on data :

cutout, preview, download, ...

- Datalink & SimDAL  
by David Languignon



## SimDAL

Goal : precise the outlines of the protocol

- **SimDAL** - David Languignon  
Feedbacks on implementations  
Presentation of solutions for SimDAL
- **utypes & SimDAL** - Gerard Lemson  
Serialization of SimDM in VO-Tables
- **VisIVO** - Ugo Becciani  
Tool to visualize simulations
- **VOSPECFLOW** - Ana Palacios  
VO tool to compare synthetics stellar spectra and observations

