

# KDD – IG – approval pending till tmw...



## Tuesday session – Merino

14.00/14.10 - G. Longo: status of the charter for the KDD-IG

14.10 /14.30 - Th. Boch: Simbad bibliographic all sky map

14.30/14.50 - N. Ball: CADC/CANFAR

14.50/15.10 - O. Laurino et al.: DAME: data Mining and Exploration v. 1.0

15.10/15.30 - M. Graham – What Semantics can do for KDD?

## Wednesday – Exec approval (?) of charter

## Thursday session

If the charter is approved, discuss the organization of IG and planning of future actions

# KDD – IG as a Science driven IG



KDD is another name for Data Mining, and Data Mining is:

***The ensemble of statistical, AI or ML based techniques which are used to extract USEFUL information from large and/or incomplete data sets***

***Hence***

KDD depends on an arbitrarily defined USEFULNESS of the extracted information ...

***Science cases are implicitly built in any KDD effort or tool***

***Now that we have science priorities, it is a must to start from there***



## Which means that we need to discuss:

- How to merge KDD tools with existing VO data access tools
- How to extract KDD Bases of Knowledge using VO data access tools and semantics
- Algorithms (robustness, missing data, scalability, etc... issues)
- Templates (for algorithm benchmarking)
- Computational infrastructures
- What we can inherit from other communities (what we can provide to other communities)
- Bidirectional feedbacks with other WG/IGs

To the EXEC members>

Please, please, please,...

Approve us a.s.a.p

***So that we can start working***