Application Working group
Closing remarks
IVOA Interop Trieste oct 2016

Chair: Pierre Fernique
Vice-chair: Tom Donaldson

Rich agenda – lots of talks !

- **16 talks and/or demos**

- **Highlights:**

  - IVOA protocols : VOTable, VOSpace, TAP, HiPS, MOC, SAMP

  - Alternate technics: python (Jupyter console), JSON

  - Gaia DR1 in lots of talks

Productive work !

- **3 decisions on Apps standards:**

  - **VOTable**: Re-enforce the 2014 Banff decision to un-deprecate COOSYS VOTable tag
    => by writing an Errata attached to VOTable 1.3
    => by convincing TAP lib and VOTable validator authors to re-incorporate asap the COOSYS
    => by convincing Gaia providers to release asap (epoch 2015)

  - **HiPS**: Promote HiPS WD in PR (thanks to all authors and contributors)

  - **MOC**: Keep MOC standard as it is (no need to a new release)

VOTable evolution in preparation…

- **VODML serialization** (in DM/Apps joint session)

    Consensus to study/use a new XML grammar based on a new collection of XML tags (VOTableAlt), put in a VODML VOTable "header".

- **JSON alternate serialization** (in DAL session)

    – A lot of ideas, points of view, required more discussion

- **Impact on VOTable**

    – Wait VODML new XML grammar => VOTable 1.4

    – Wait & see for JSON needs => VOTable 2.0 ?

Apps lib citations

- **Very helpful for presenters to acknowledge the software packages and services used in their applications.**
  - Audience learns where to find useful tools
  - Providers learn who is using the tools