



# SpectralDM-2.0 status

Mark Cresitello-Dittmar, SAO



The USVOA is recognized by the American Astronomical Society (AAS) as a Special Interest Group (SIG) of the Working Group on Astronomical Software (WGAS).

# Recap

PR: 2014-03-09

RFC: 2014-05-13 => 2014-07-30

- Minor comments

TCG: 2014-08-01 => 2014-09-15

- Significant comments

Updated doc: 2015-02-06

- Also working reference implementations

Updated doc: 2015-05-28

- Added implementation feedback

Presented in Sesto: 2015-06-18

# Current

Post Sesto: some deliberation about moving forward

- Decided to move forward

RFC2 period: 2015-09-21 => 2015-10-16

- <http://wiki.ivoa.net/twiki/bin/view/IVOA/SpectralDM2.Spectral2RFCr2>
- Minor comments, responses have been made

Ready for TCG review

# Roadmap

- + Continue approval process for 2.0
- + Leave door open for 2.1 with minor changes
  - Either document updates, or errata process
  
- + Open project for 3.0
  - Fold into DatasetDM, NDCube, STC2 family
    - Enhances interoperability
    - Supports virtual axes
    - vo-dml compliant
  - Add support for new capabilities
    - Echelle, Normalized, Theoretical, other?

# Team

- + Need resources to define scope, gather use-cases and derive requirements.
- + Optimally, this would consist of:
  - Model expert: modeling and vo-dml compliance
  - Domain expert(s): define science concepts and relations
  - Implementer: prototype and ref. implementations
- + Contact me or Laurent if interested in participating