



**DCP Session**

**Thursday 16 May 2019**

# DOI Note status ongoing work

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**IVOA Paris, 12-17/05/2019**

"Share best practices and engage IVOA member projects in the long-term curation and preservation of astronomical data"

# Since College Park Interop

- After College Park session dedicated to DOIs and a report at ADASS BoF 4 “Data Citation: from Archives to Science Platforms” we decided to gather all the use cases, feedback, questions, etc. of the community and to formalize it in a Note.
- ...

# Reminder: College Park Interop outcomes

- The granularity of DOIs requires much thought in regards to data archives.
- A DOI is not always necessary but does give additional usage statistics.
- How to issue a DOI for an entity that exists elsewhere (e.g. the Gaia catalogue) is an open issue.
- DOIs for queries of large catalogues can be useful for reproducibility. Be careful if the results from the query might differ over time.

# What we have done

- a tiger team (DCP chairs, R. D'Abrusco, G. Landais, A. Muench, A. Raugh, A. Rots, )
- gathering of use cases, etc. (to be completed)
  - spreadsheet of DOI issuing entities in our domain
  - (ongoing) survey ( >10 use cases)
- telecon

# What we have to do

- add today's work (from this session and the splinter)
- organize, structure all the inputs
- no recommendation but best practices
- produce a first public draft between Paris and Groningen

# **Splinter today at 17:30 - Salle Le Verrier**

We propose to follow this session by a discussion this afternoon with a focus on

- link with Registry
- ongoing Survey
- inputs for the DOI Note
- ...

# Now the presentations around DOIs

Raffaele D'Abrusco	Update of the DOI initiative at the Chandra Archive
Séverin Gaudet	The new self-serve DOI service deployed in the CANFAR Science platform (talk / demo)
Yihan Tao, Changhua Li, Boliang He, Chenzhou Cui	<a href="#">PaperData</a> updates : Integrated VOSpace, Registry and DOI services
Deborah Baines	Plans about DOIs in the ESA Science Archives