# IVOA Interop. Meeting May 2023 - DAL Splinter about ConeSearch-1.1

**Tuesday 9th May 2023 - 12:30 CEST (Bologna)**

**Participants (9):** James Dempsey (JD), Grégory Mantelet (GM), Marco Molinaro (MM), Tom Donaldson (TD), Mark Taylor (MT), Gilles Landais (GL), James Tocknell (JT), Renaud Savale (RS), Jon Juaristi (JJ)

## Resources

- SCS REC-1.03 (22 Oct. 08): https://www.ivoa.net/Documents/latest/ConeSearch.html
- SCS WD-1.1 (28 Aug. 20): https://www.ivoa.net/documents/ConeSearch/20200828/index.html
- Talk by Grégory M. on Thur. 11 May 23 about a new Cone Search implementation for Simbad: https://wiki.ivoa.net/internal/IVOA/InterOpMay2023DAL/simbad_conesearch.pdf
- GitHub repository and issues: https://github.com/ivoa-std/ConeSearch/issues

## Questions

- Going through SImbad Cone Search slides
  - RESPONSEFORMAT coming from DALI: OK
  - MAXREC from DALI: OK
  - ORDERing: discussions to have on this topic
    - In the past there was a proposal from Tom McGLyn that Cone Search is an interface over a TAP service ; might work with this ORDERing parameters
  - Drop the rule about ignoring unknown parameters
    - should be fixed in some way in next version of SCS: removing the `must` and replacing with a disclaimer. RA, DEC and SR must be present, and implementations may add other parameters.
    - another suggestion: get rid of the `must` or of this paragraph SCS-1.03, sec. 2.
    - erratum?
- [RS] Is ConeSearch 1.1 with time still in discussion?
  - [MM] The real problem is how to declare whether the server supports time or not.
  - But it should be done in ConeSearch 2.0.

- [JD] Yes, it is major change.
- More discussions are needed for 1.1 and 2.0 in next interop.
  - /capabilities and all DALI support for v2.0 (major changes)
- Should UCDs be changed to v1.1 in the update?
  - No veto at all. Let's do it!