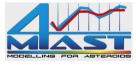
a Access Spectra Access Why shared resources? Online resources

Spectra Access









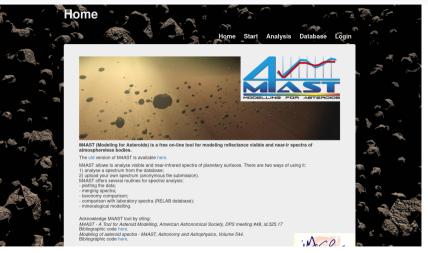
Spectra are complex data products

- o Wavelength, Reflectance, Irradiance, ...
- Instrument Metadata
- Sample Metadata
- Spectra Databases for Ast./Comets/Met.
 - o PDS, CDS, RELAB
 - SMASS, MITHNEOS
- Spectra Aggregators for Asteroids and Meteorites
 - SSHADE, M4AST, classy
 - Processing required
 - Few updates



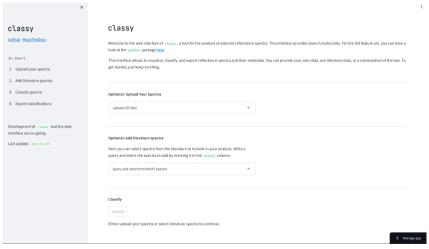
The next slides show an outline of the demoed material.

— M4AST



https://spectre.imcce.fr/m4ast/index.php/index/home

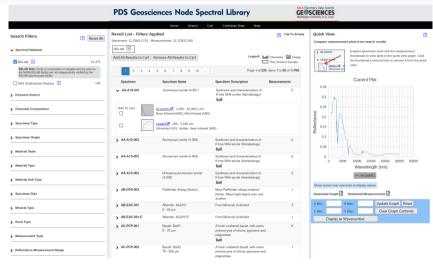
classy



https://classy.streamlit.app/

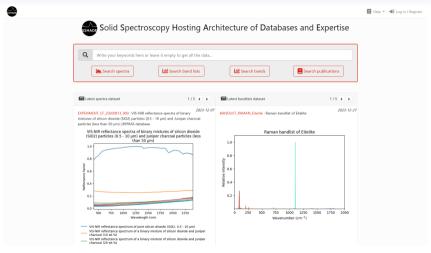
ata Access Spectra Access Why shared resources? Online resource

=== RFI AB



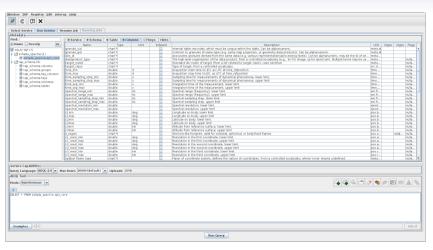
https://sites.brown.edu/relab/relab-spectral-database/

SSHADE



https://www.sshade.eu

SSHADE



 $\mathsf{TOPCAT} \to \mathsf{TAP} \ \mathsf{Query} \to \mathsf{"SSHADE"}$

Tutorial =

[20min] Tutorial notebook on spectra access with SSHADE and TAP

- Basic: Access of SSHADE database using TAP
- $\circ\,$ Advanced: Creating an astroquery module for SSHADE