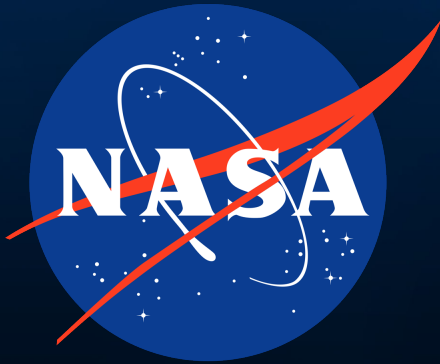


Data, Calibration and Algorithms

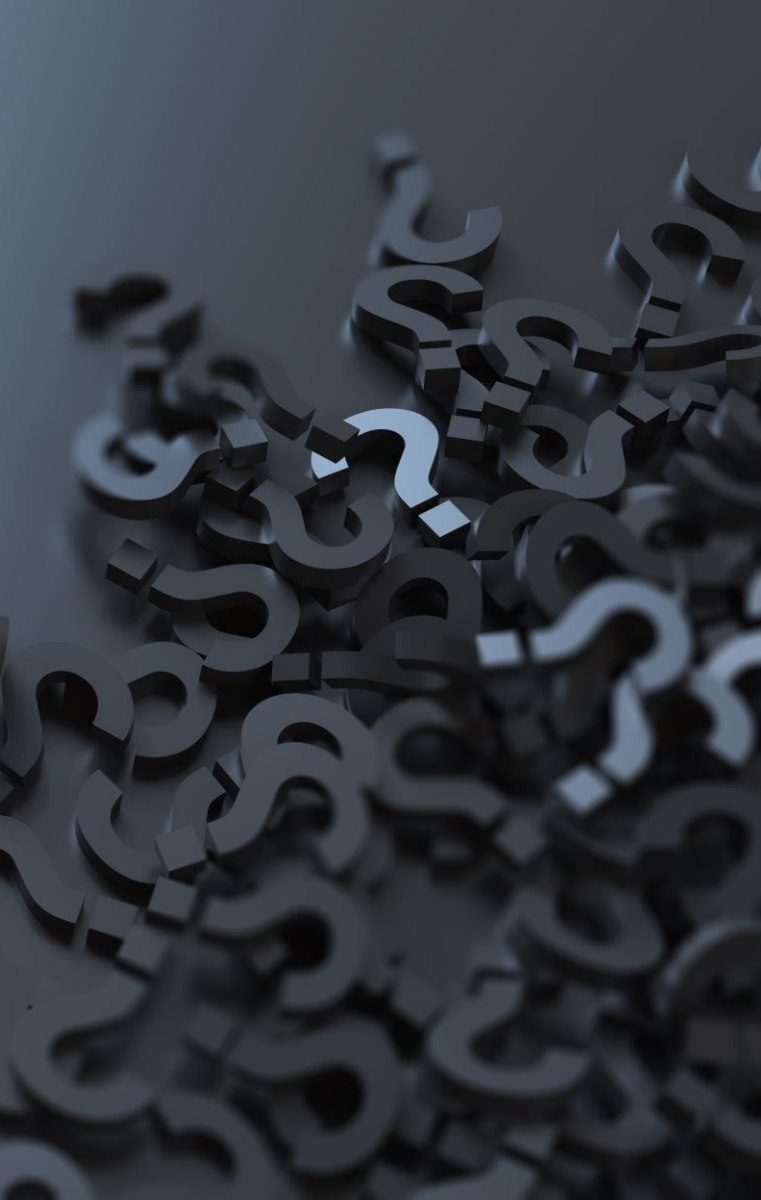
Mark Moldwin, University of Michigan

August 7, 2023



CDRL = Contract Data Requirements List

- Provides all of the Requirements of a NASA project including the development of a DMP and CMAD
- DMP = Data Management Plan
 - *Roles and responsibilities of all institutions expected to participate in MMS data production, dissemination, and archival activities*
 - *Identification and description of the various types of MMS data including data volume estimates.*
 - *Description of data flow between key MMS project entities*
 - *Description of planned data distribution and access methods.*
 - *Plans for mission data archival*
- CMAD = Calibration and Measurement Algorithms Document
 - *“describes the overall concept for calibrating the many instruments onboard Magnetospheric Multiscale (MMS), including pre-flight and inflight calibrations, and details the algorithms for converting instrument signals to physical quantities, including signal estimates, error analyses, and error budgets”.*



Discussion Questions

- How do DMP and CMADs contribute to Open Science?
- What other information do you need and where would you find it?