



***Introduction to the DDDWG 2017 Workshop
on Research Data Management:
Charge to the Workshop***

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Introduction & Concept for this 3rd DDDWG Workshop

- Crystallography has a major opportunity in harnessing the new digital data archives, capable of storing vast numbers of raw data sets
- As with processed structure factors and derived coordinates validation is vital to ensure quality raw data & their metadata
- checkCIF and PDB Validation reports for chemistry and biology are vital parts of that data quality review
- Therefore a validation report process is vital to ensure quality raw data is preserved; quality basically means 'reusable'!
- *We seek then a 'checkCIF for Raw Data', to be developed with ComCifs (Chair James Hester, Australia)*



This Workshop aims to:-

- Describe current best practice with processed and derived data across as many IUCr Commissions as possible
- Discuss and define the metadata to be required, the need for which was superbly emphasised at Workshop 1 in Bergen by DDDWG Member John Westbrook of the PDB, which has enormous experience with MX metadata
- Track continuing technical challenges and opportunities in managing large data volumes and rates, as exemplified by the associated technical session after tea to be led by Herbert Bernstein





*Thank you
&
Lets get to it>>>>*

