

## Data Management in Chemistry

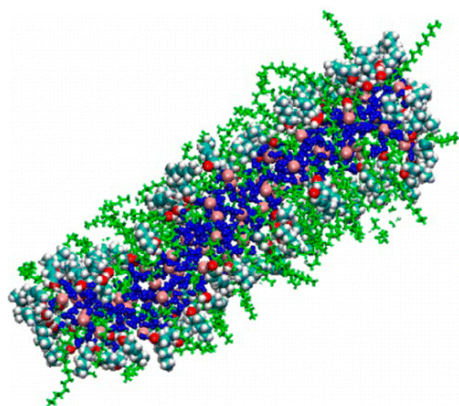
### *What are you trying to achieve in your research?*

Our research is at the interface between chemistry, chemical engineering and physics. We have to manage data collected on different instruments, different networks and by different group members. Our aim was to make data handling more efficient by finding a solution that allowed us:

- Access to data collected from several instruments on different networks.
- Secure data storage and a system that enables data to be shared and made openly available.

### *Which BEAR service(s) enable your research?*

- We upload all our active data to BEAR DataShare from the various machines and use it to share all our material for reports and manuscripts with group members.
- Each PhD student/post-doc has their own Research Data Store where any 'approved' data goes.
- Any data associated with publications or a thesis is then stored in the BEAR Research Data Archive.
- In the future, we will make use of the DOIs provided through ePrints [UBIRA eData] to allow open access to data.



**Above:** The structure of a reverse micelle (from Mills et al. 2014, J. Phys. Chem. B.)

## Case study



### **Client Profile**

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### **Funding**

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### **Services Used**

BEAR DataShare  
BEAR Research Data Store  
BEAR Research Data Archive

