

From Structure to Publication: How to Utilise Your FAIRE License

FAIRE and the Cambridge Structural Database

The Frank H. Allen International Research and Education programme (FAIRE) provides a campus-wide Academic CSD-Enterprise license, free of charge, to researchers in parts of the world with demonstrable need. Your FAIRE license gives you access to the **Cambridge Structural Database (CSD)** and **CSD Software**.¹



Find out about the **CSD**

<https://ccdc-info.com/3zu1gpD>



Learn more about **FAIRE**

<https://ccdc-info.com/3ONFLVC>



Discover the **Community**

<https://ccdc-info.com/4fmR1Up>



Training and Learning

<https://ccdc-info.com/3yo0OqX>

Is my compound novel?

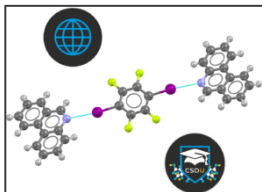
Check if your structure has been published before and if there are similar compounds with **WebCSD** and **ConQuest**.



CSDU WebCSD

- Check unit cell
- Similarity and substructure search

<https://ccdc-info.com/3U2P07I>



CSD-Core workshops

- Introduction to ConQuest (CQ-001)

<https://ccdc-info.com/49vEf2X>



Database surveys and analysis

Search for 3D structural information, chemistry and literature using **ConQuest**. Analyse data in **Mercury**.

CSD-Core workshops

- Introduction to ConQuest (CQ-001)
- Using 3D information in searches in ConQuest (CQ-002)
- Conformation Search and Analysis Using ConQuest and Mercury (CQ-006)



<https://ccdc-info.com/4d1BSXf>

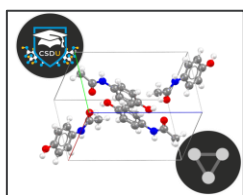
Structure visualisation

Visualize structures and create publication quality images in **Mercury**.

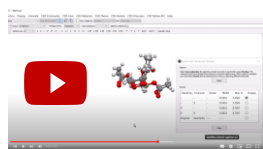


CSDU Mercury Visualization

- Choose and customise styles
- Packing diagrams



Mercury How-to Videos



<https://ccdc-info.com/4d1BSXf>

Structure analysis

Analyse your structures in **Mercury** to uncover intermolecular and intramolecular interactions.

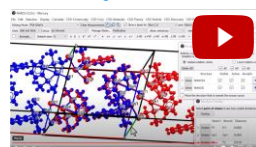
CSD-Materials workshops

- Introduction to Full Interaction Maps (MER-002)
- Hydrogen Bond Statistics (MAT-004)
- Aromatics Analyser (MAT-005)



<https://ccdc-info.com/3WlQZn8>

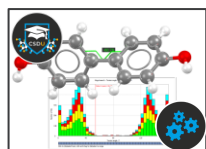
Mercury How-to Videos



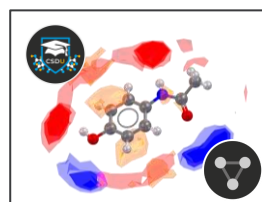
<https://ccdc-info.com/4d1BSXf>

Structure validation

Check for unusual features with **Mogul**.
CSDU Basics of Mogul



<https://ccdc-info.com/3VF26qQ>



<https://ccdc-info.com/3WVwhkIL>