

**The Fourier Duck and the Fourier Cat:  
A fun introduction to crystallography**

<http://www.ysbl.york.ac.uk/~cowtan/fourier/fourier.html>

**Fun in the lab**

<http://richannel.org/tales-from-the-prep-room-diffraction>

**We will use the following applets from EPFL**

<http://escher.epfl.ch/fft/>

<http://escher.epfl.ch/crystalOgraph/>

<http://escher.epfl.ch/diffractOgram/>

**A simple set of tutorials about electron diffraction**

<http://www.microscopy.ethz.ch/ED-1.htm>

<http://www.microscopy.ethz.ch/ED-Ewald.htm>

<http://www.microscopy.ethz.ch/bragg.htm>

<http://www.microscopy.ethz.ch/ED-XRD.htm>

[http://www.microscopy.ethz.ch/TEM\\_ED\\_examples.htm](http://www.microscopy.ethz.ch/TEM_ED_examples.htm)

**Tutorials about diffraction**

[http://www.physics.byu.edu/faculty/campbell/animations/x-ray\\_diffraction.html](http://www.physics.byu.edu/faculty/campbell/animations/x-ray_diffraction.html)

<http://www.doitpoms.ac.uk/tlplib/crystallography3/index.php>

[http://www.chem.ox.ac.uk/icl/heyес/structure\\_of\\_solids/Strucsol.html](http://www.chem.ox.ac.uk/icl/heyес/structure_of_solids/Strucsol.html)

<http://www.ruppweb.org/Xray/101index.html>

<http://www.lks.physik.uni-erlangen.de/diffraction/>

<http://demonstrations.wolfram.com/2DFourierTransforms/>