



## The UK's National Supercomputing Service

### Chiral molecules on a surface can be separated under the presence of an external oscillating field

Chiral molecules are, like our hands, specular images and non superimposable. This is important for living beings, as one molecule can heal us, while its specular image may have devastating effects. Separate them but is also a very difficult task, this image represents a method that can control the diffusion of these molecules on a surface, once they are equally oriented, by applying an external field.

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**Image Competition: Image Entry Winner 2019**



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