



## The UK's National Supercomputing Service

### **Acoustic field with overlapped velocity isosurface obtained with a coupled LES-High order Acoustic coupled solver of an installed jet case**

The image reveals the interactions of jet turbulence and acoustic waves when the former is subject to a thin plate - a scenario often known as "installed" jets. High-frequency tones (yellow) as well as low-frequencies (blue) can be seen in the 3D rendering of the contour in the background. Jet turbulence is highlighted in red iso-surfaces in the foreground.

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**Image Competition: Image Entry Winner 2021**



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