

# Movie Captions

- Movie 1 Planar contour plots of  $\lambda_{ci}$  are stacked in 3D space before being rendered as an isosurface of  $\lambda_{ci}$  at 4% of the maximum  $\lambda_{ci}$  in the flow field. The view is then rotated around the isosurface. Finally, the propagation of the vortex rings with time is animated from the three phased-locked data sets.