

Skeleton of multiple vortex tornadoes in a bucket

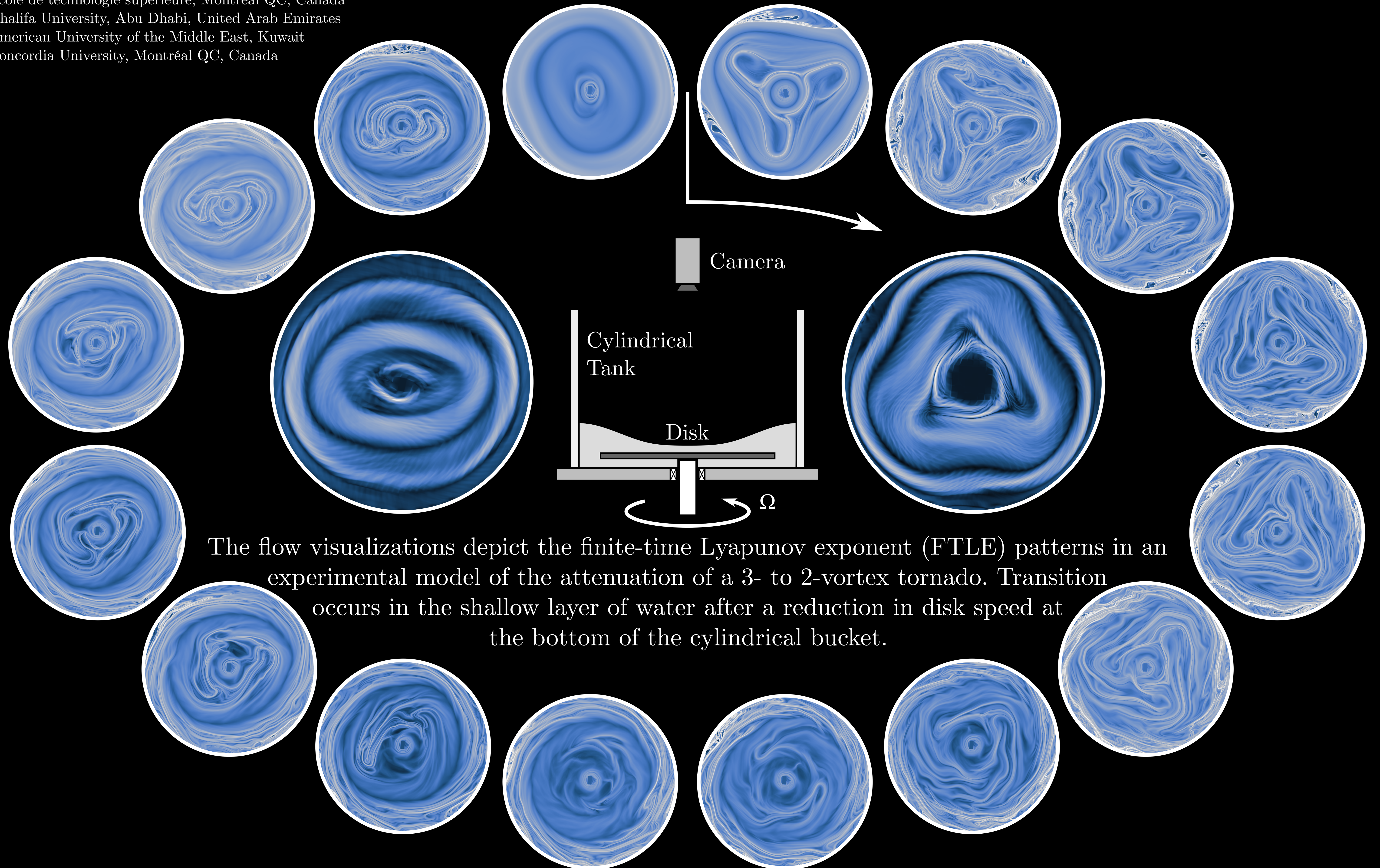
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The flow visualizations depict the finite-time Lyapunov exponent (FTLE) patterns in an experimental model of the attenuation of a 3- to 2-vortex tornado. Transition occurs in the shallow layer of water after a reduction in disk speed at the bottom of the cylindrical bucket.