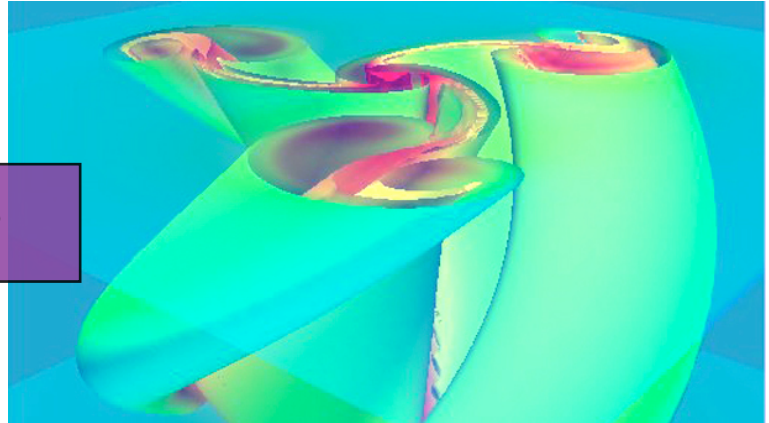


Third European SCAT Workshop & Summer School in partnership with IRPHE and CNRS

“Vortices and Vortex Sheets: theories, numerics and applications”

Vortex Instability



One of a series of mini-courses taking place 4-10 June 2007, Centre IGESA

Description

This course will cover some basic concepts of vortex stability when only one vortex is present. We will focus on the asymptotic instability mode when a shear or centrifugal mechanisms is involved. The case of a swirling jet will also be discussed.

Lecturer

Dr Maurice Rossi, CNRS and University of Paris, France

Syllabus

- ▶ General instability concepts
- ▶ Shear instability for vortices
- ▶ Centrifugal instability
- ▶ Swirling jet : some basic concepts
- ▶ Swirling jet Instability.

For more information, email info@scat-alfa.eu or visit www.scat-alfa.eu



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