

Art & Science - IV Edizione

Tappa presso l'Università Parthenope



Dipartimento di Scienze e Tecnologie
Dipartimento di Ingegneria

L'Arte della Visualizzazione nello Studio dei Fluidi
L Cozzolino

Napoli, 30 marzo 2023

Fluidi ovunque, a ogni scala



Fluidi ovunque, a ogni scala



Fluidi ovunque, a ogni scala



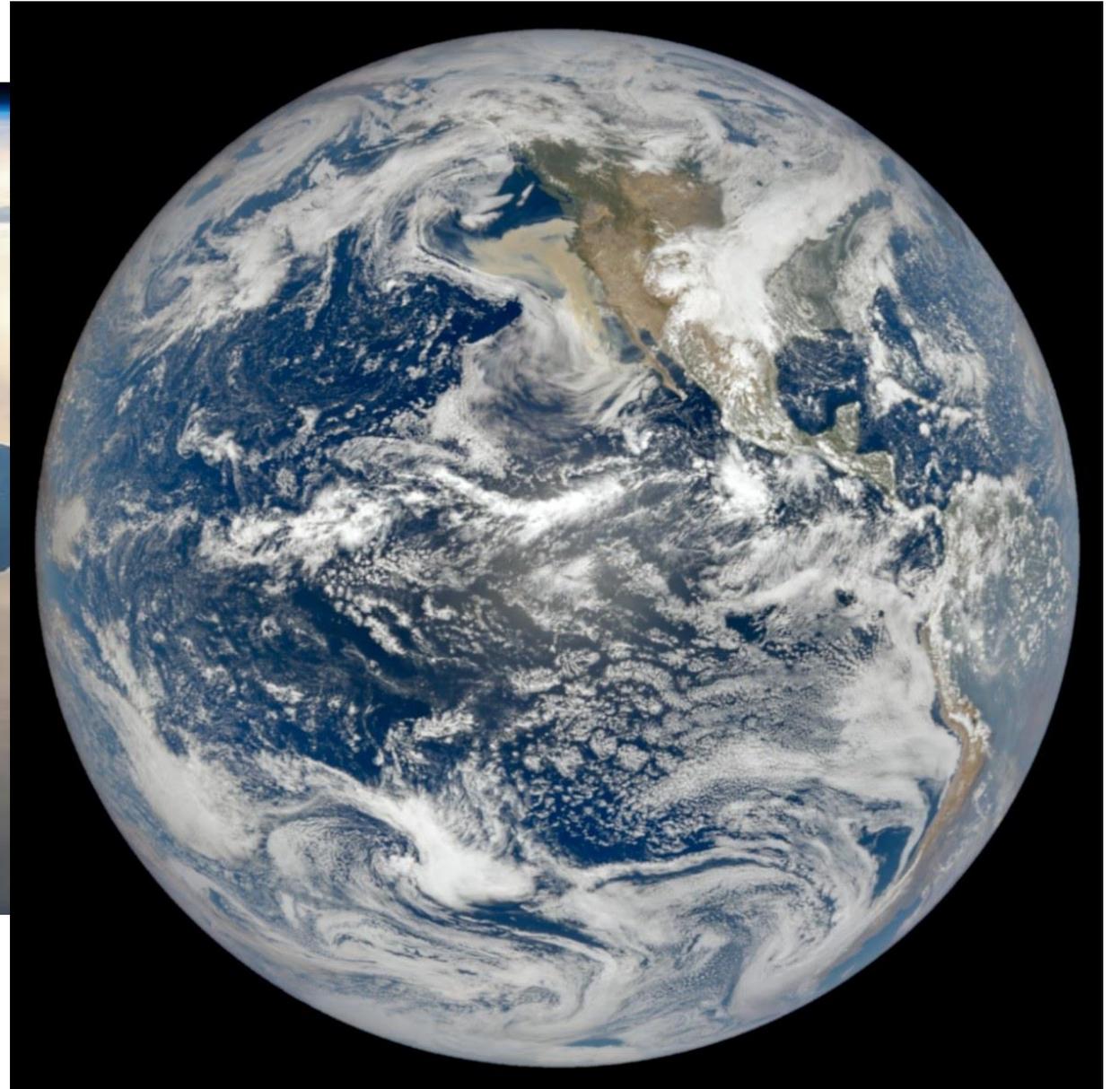
Fluidi ovunque, a ogni scala



Fluidi ovunque, a ogni scala



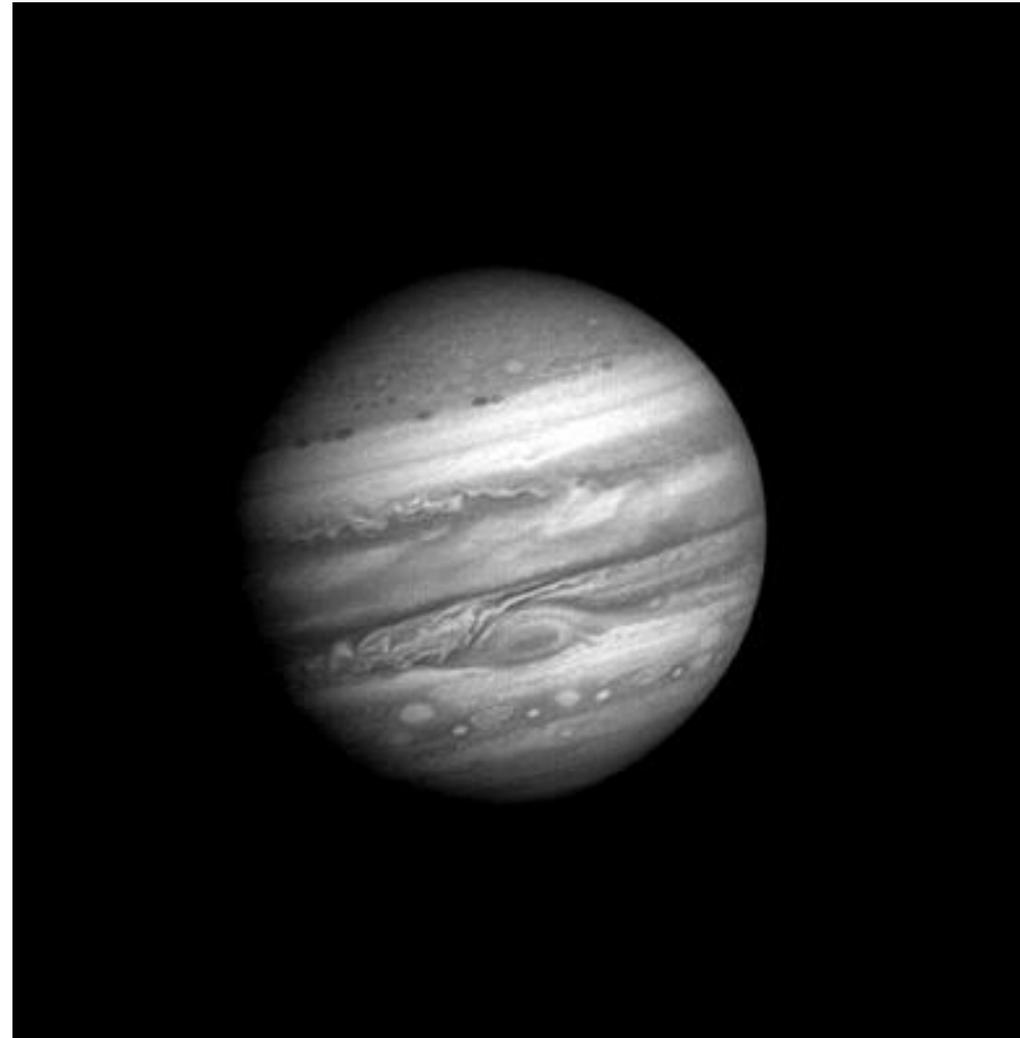
Fluidi ovunque, a ogni scala



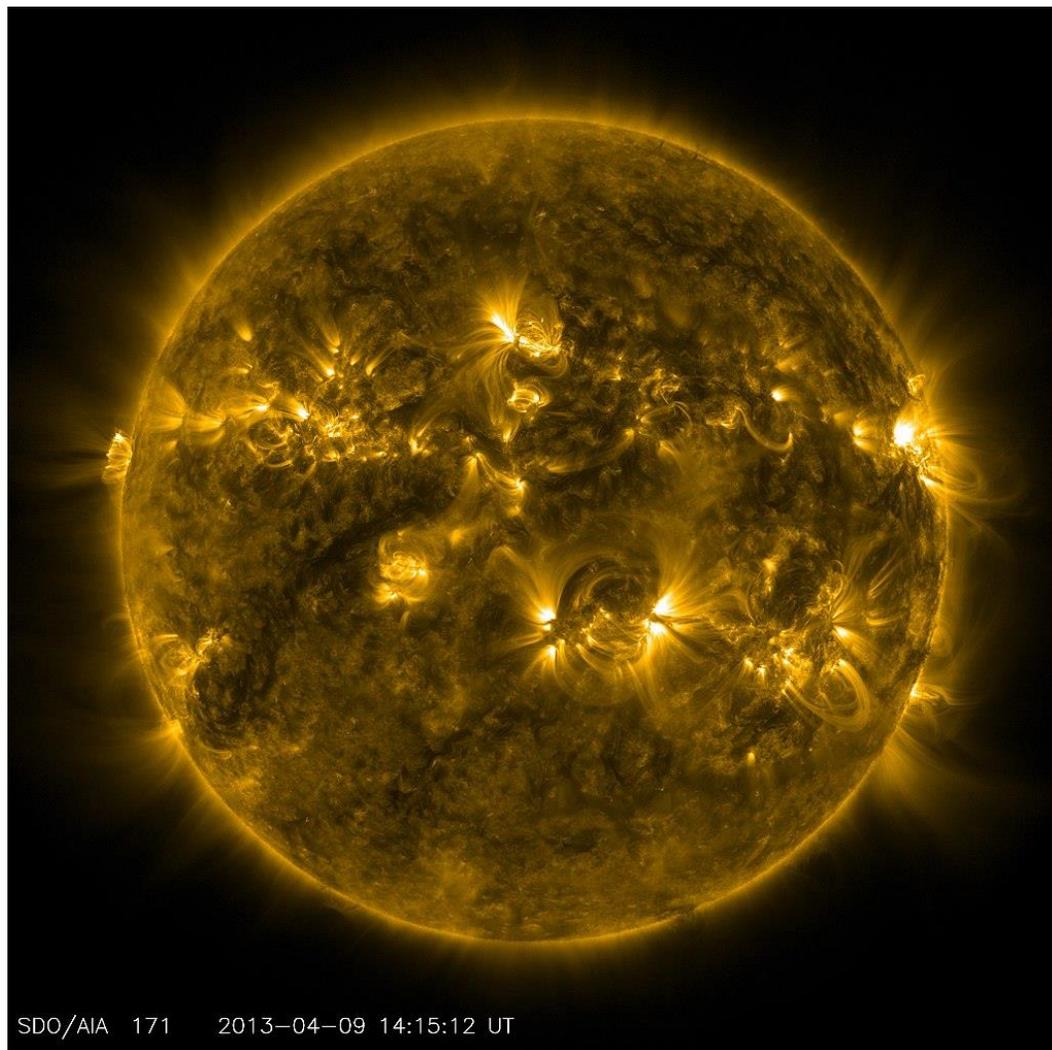
Fluidi ovunque, a ogni scala



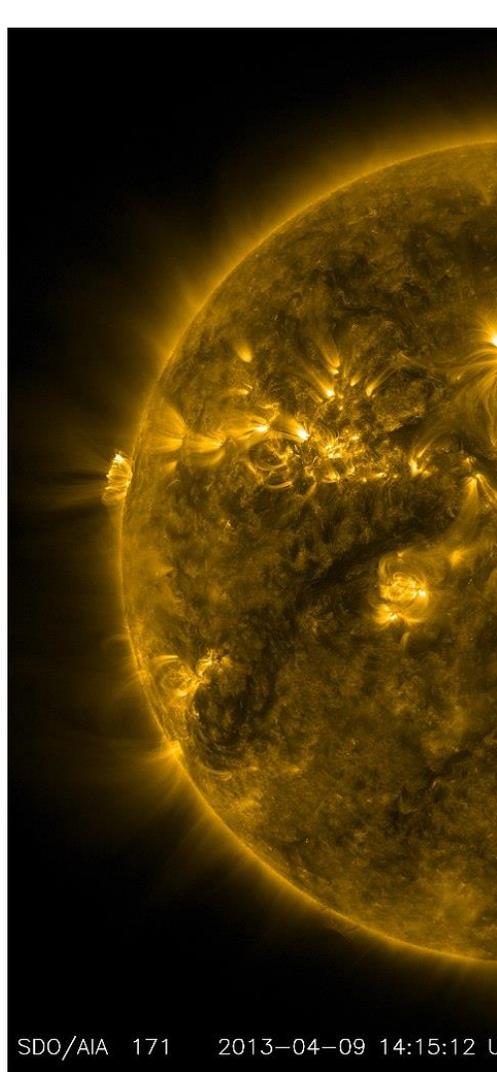
Fluidi ovunque, a ogni scala



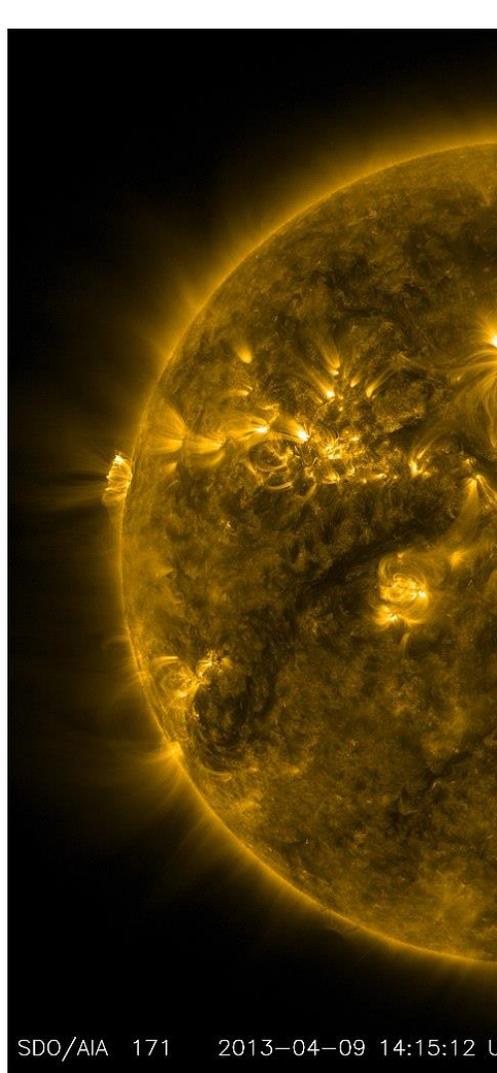
Fluidi ovunque, a ogni scala



Fluidi ovunque, a ogni scala



Fluidi ovunque, a ogni scala



Fenomeni simili a scale diverse



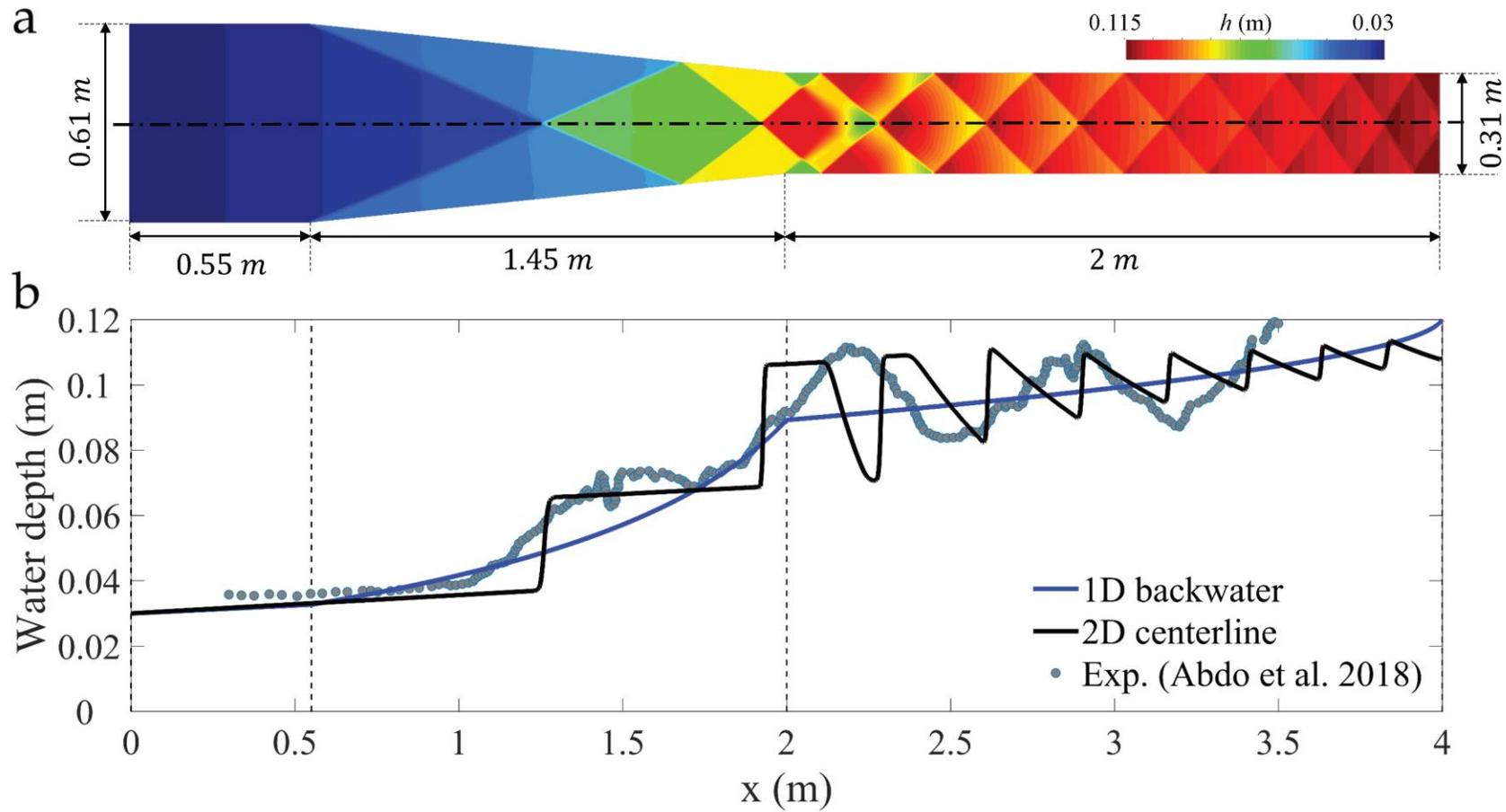
Fenomeni simili a scale diverse



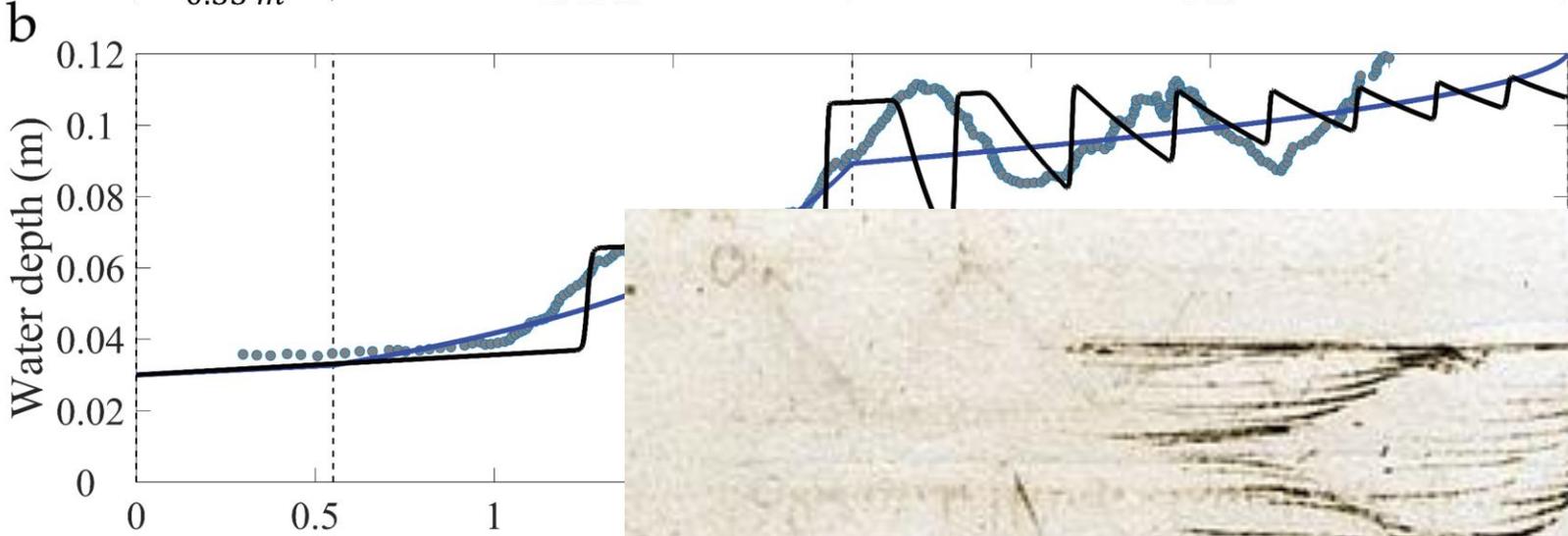
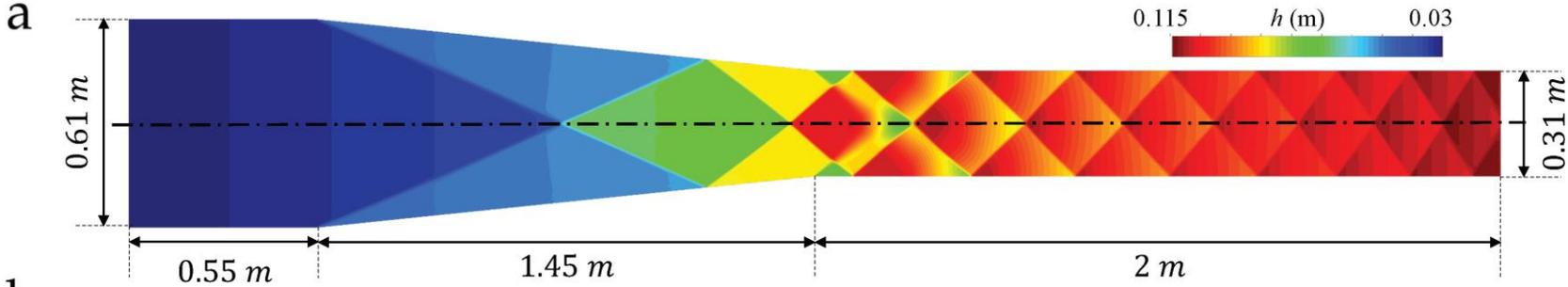
Fenomeni simili a scale diverse



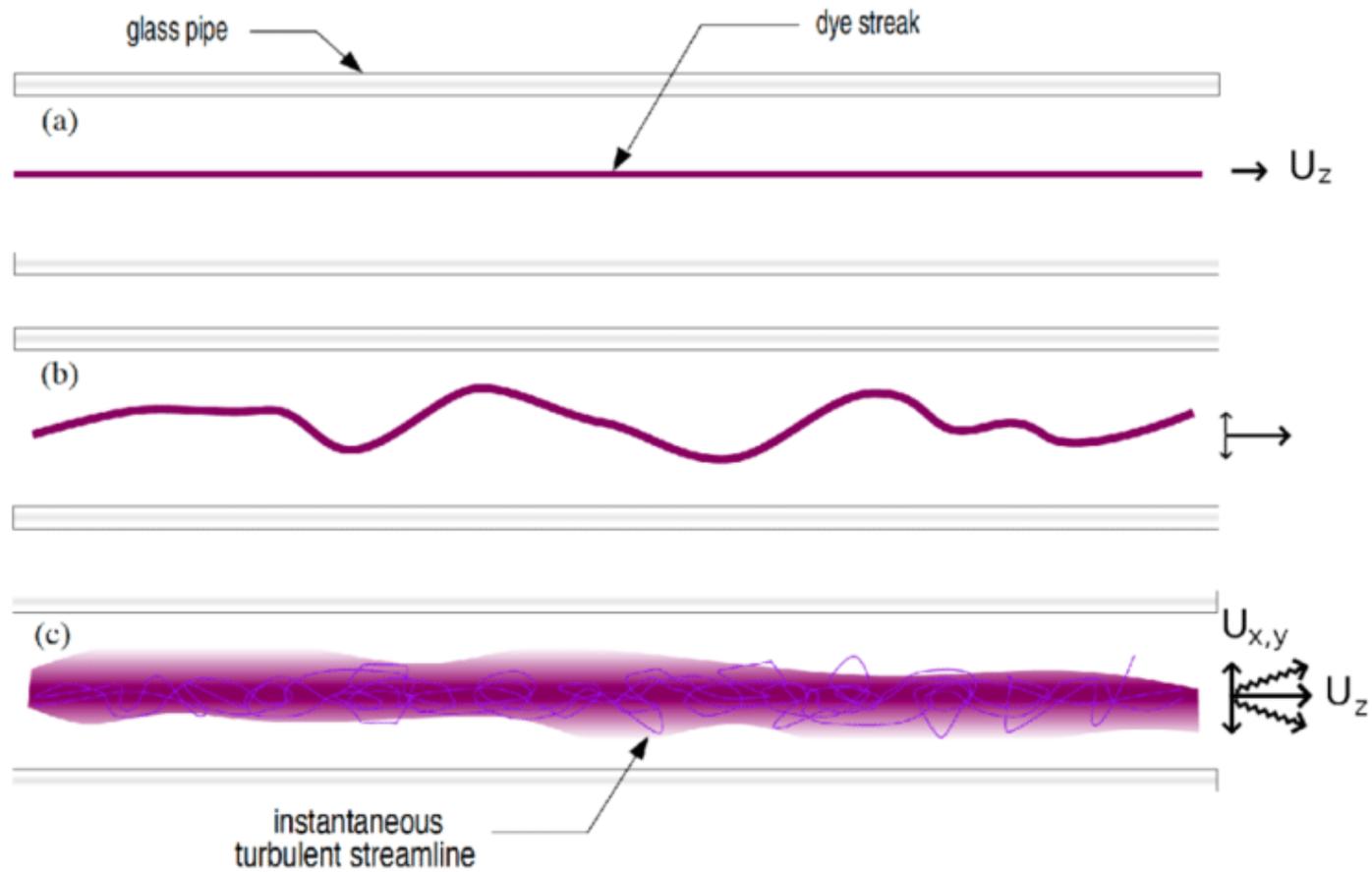
Il primo esempio di visualizzazione: Leonardo



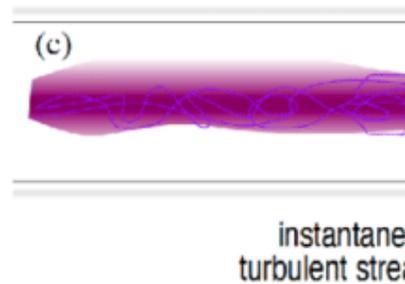
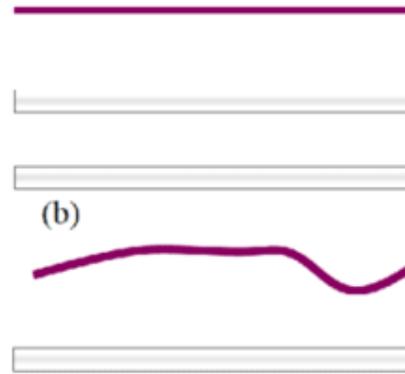
Il primo esempio di visualizzazione: Leonardo



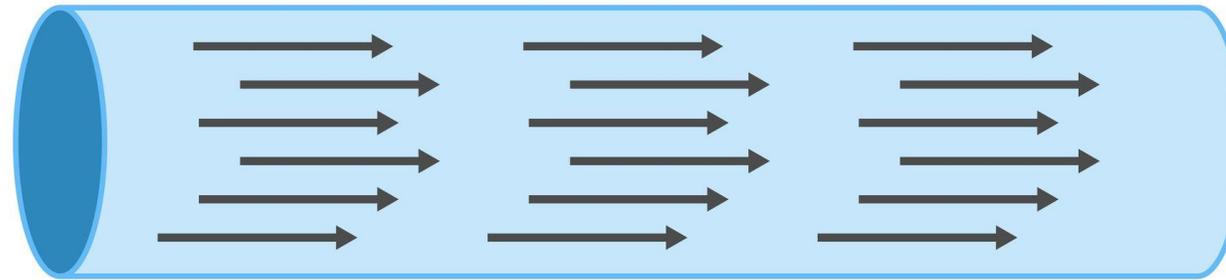
Il primo esempio di visualizzazione: Leonardo



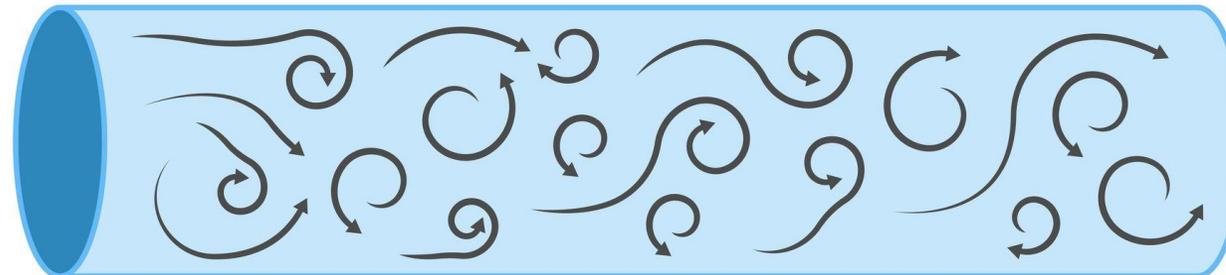
Il primo esempio di visualizzazione: Leonardo



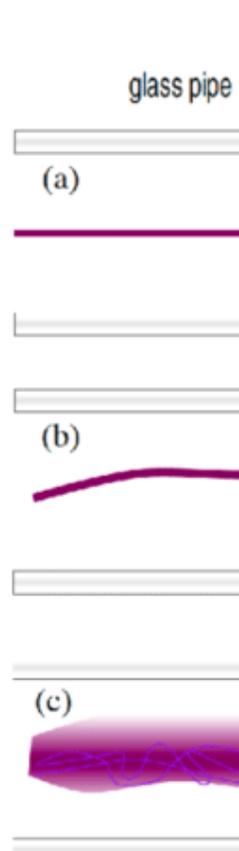
LAMINAR FLOW



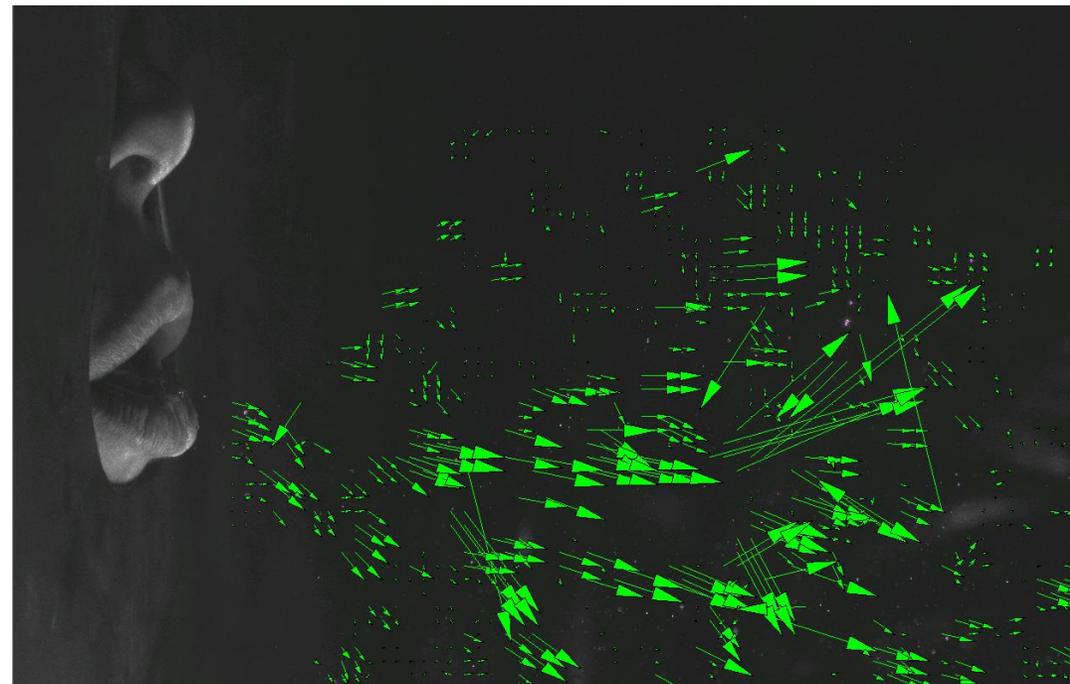
TURBULENT FLOW



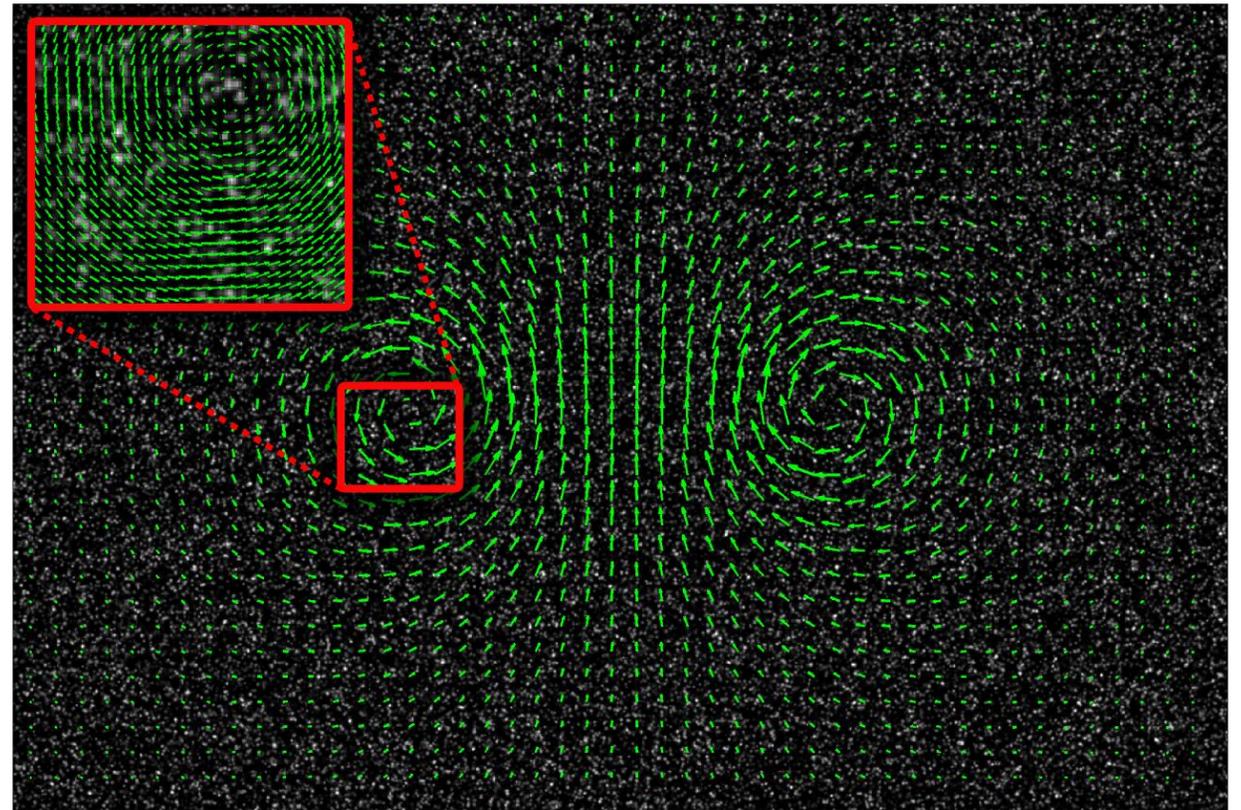
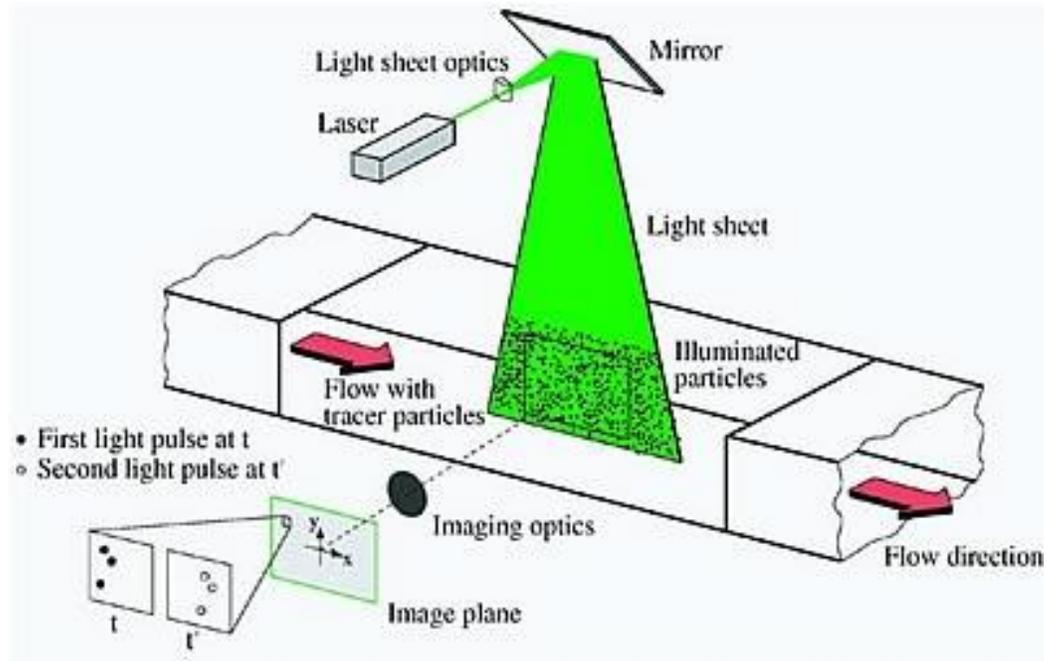
Il primo esempio di visualizzazione: Leonardo



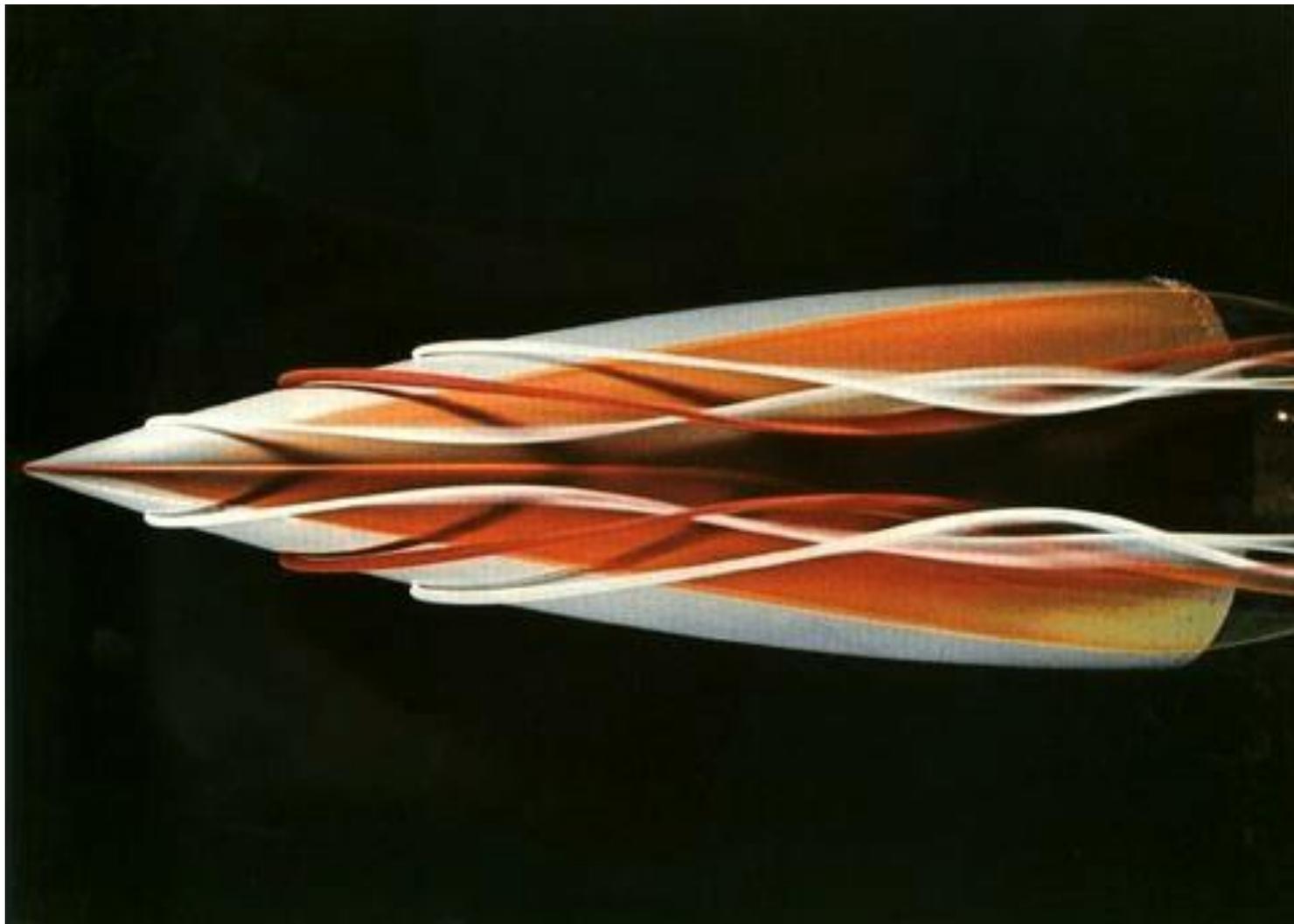
PIV: Particle Image Velocimetry



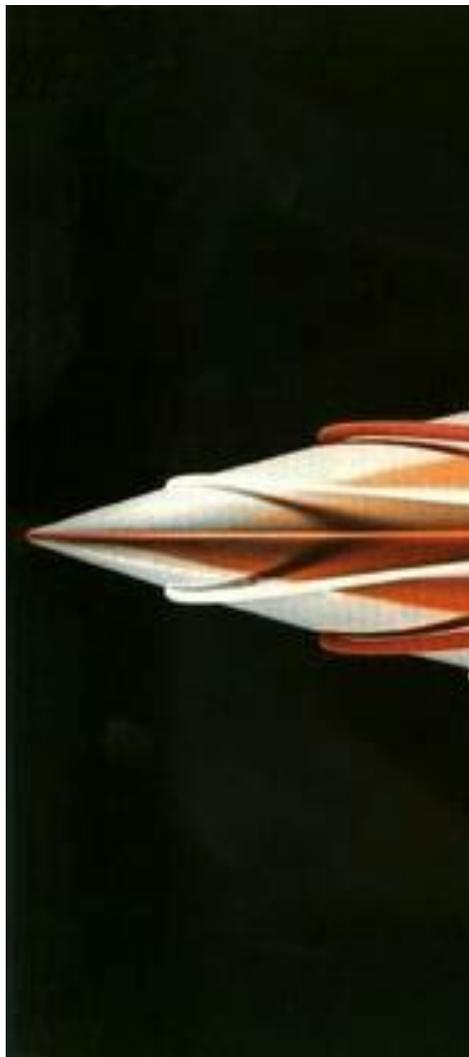
PIV: Particle Image Velocimetry



Inchiostri



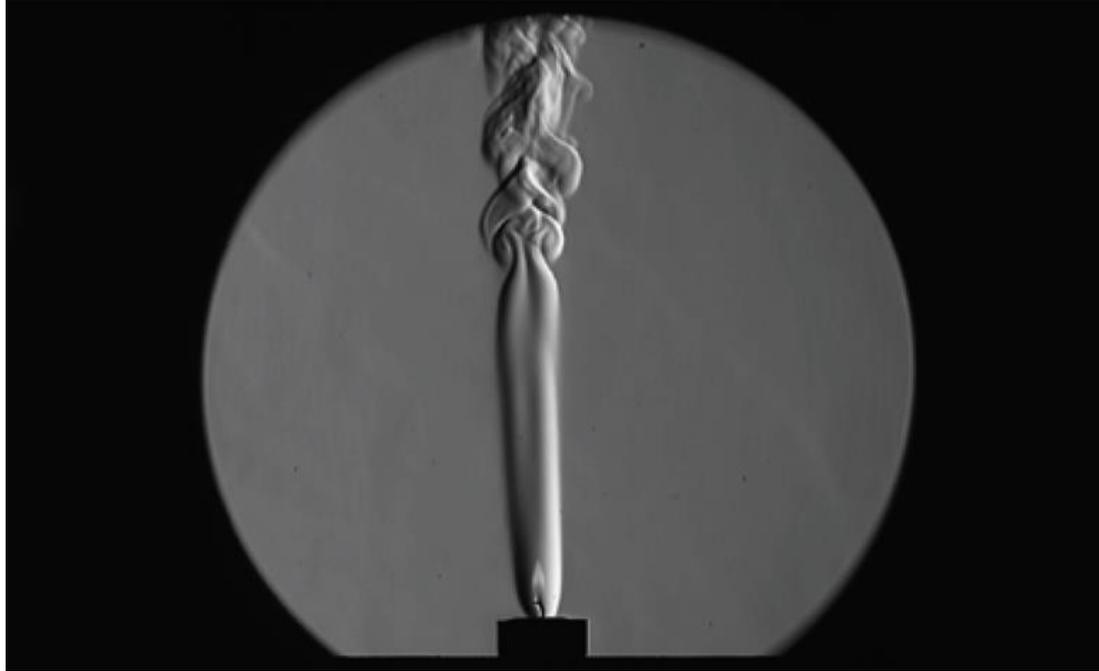
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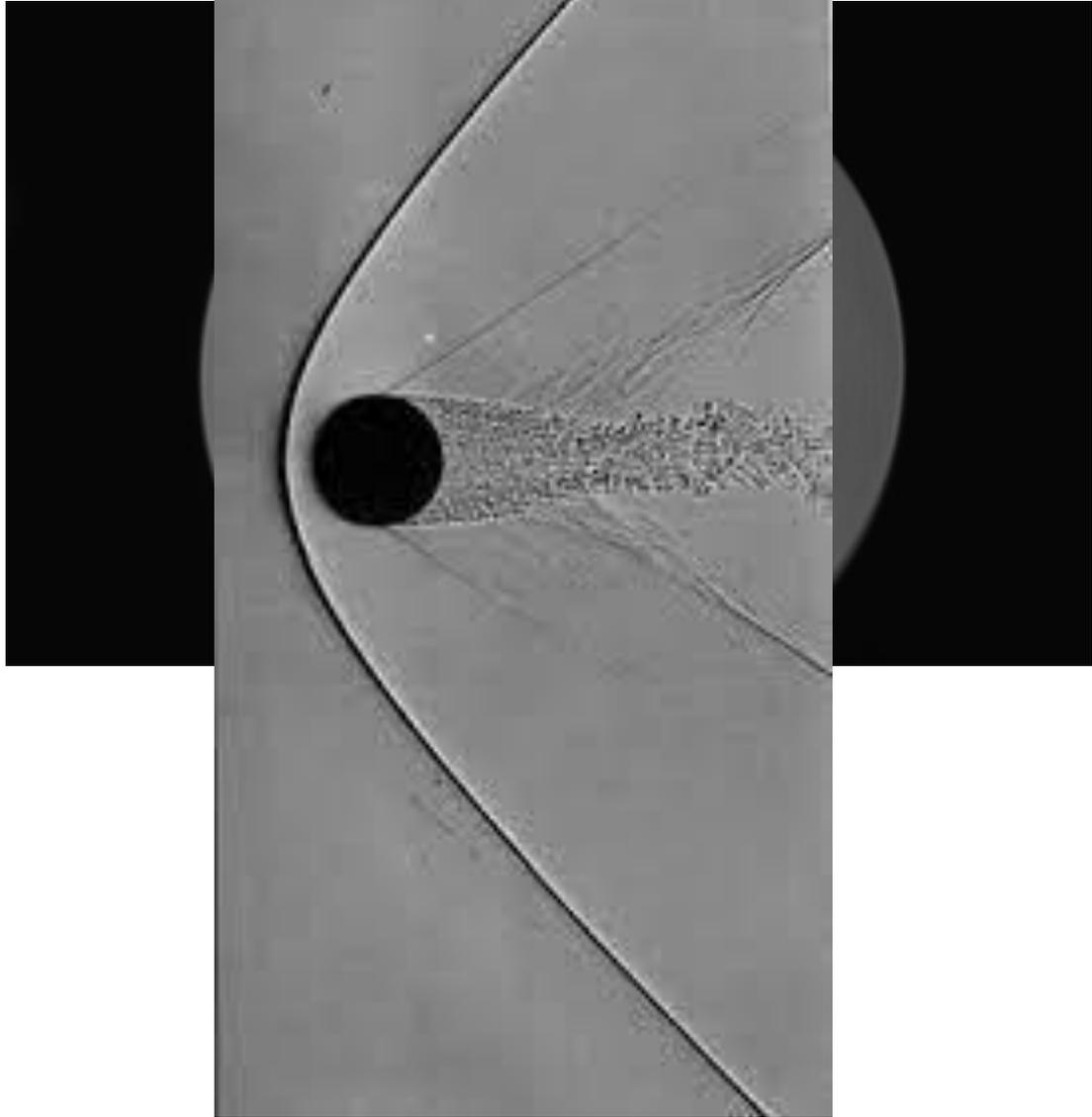
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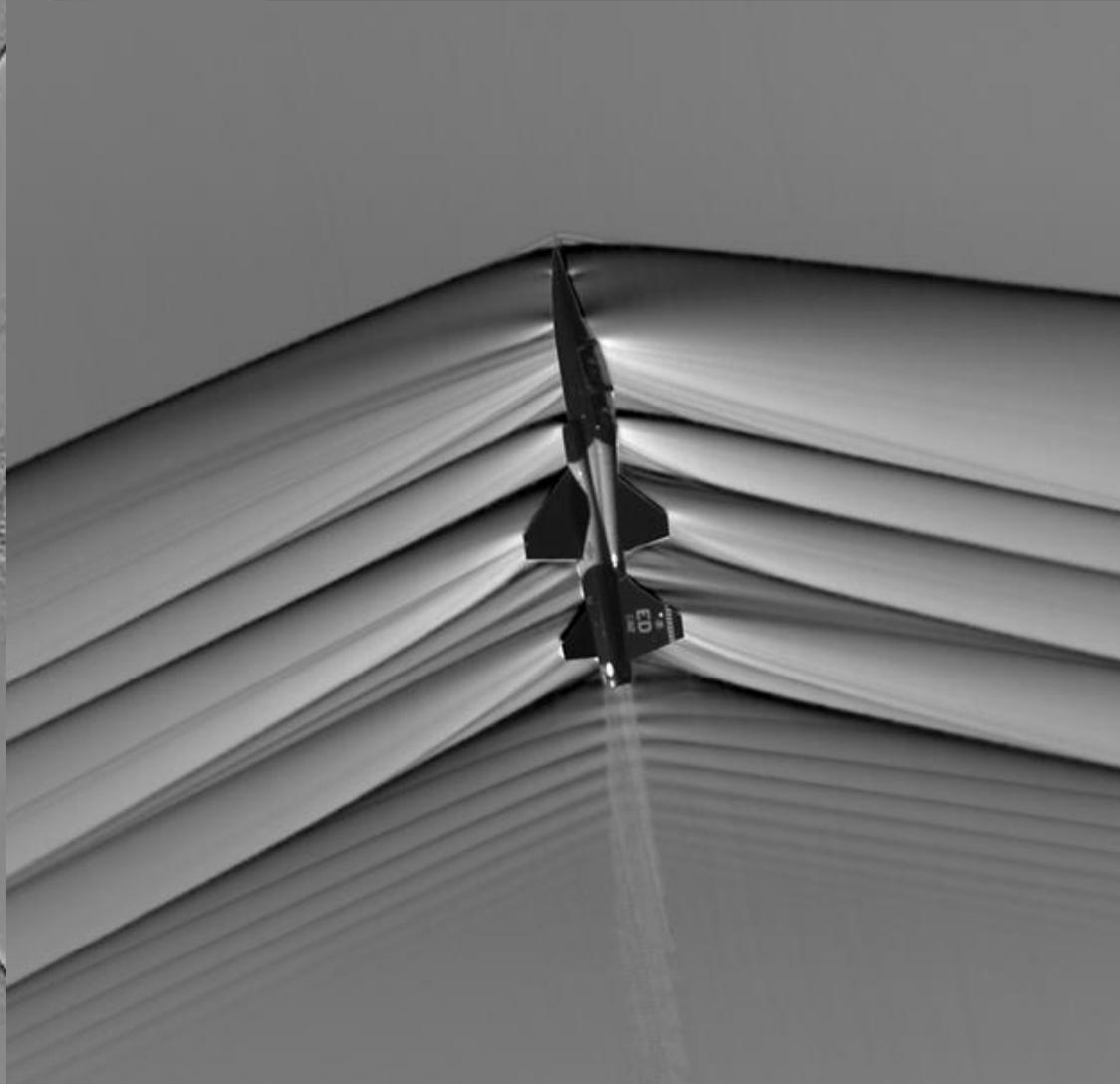
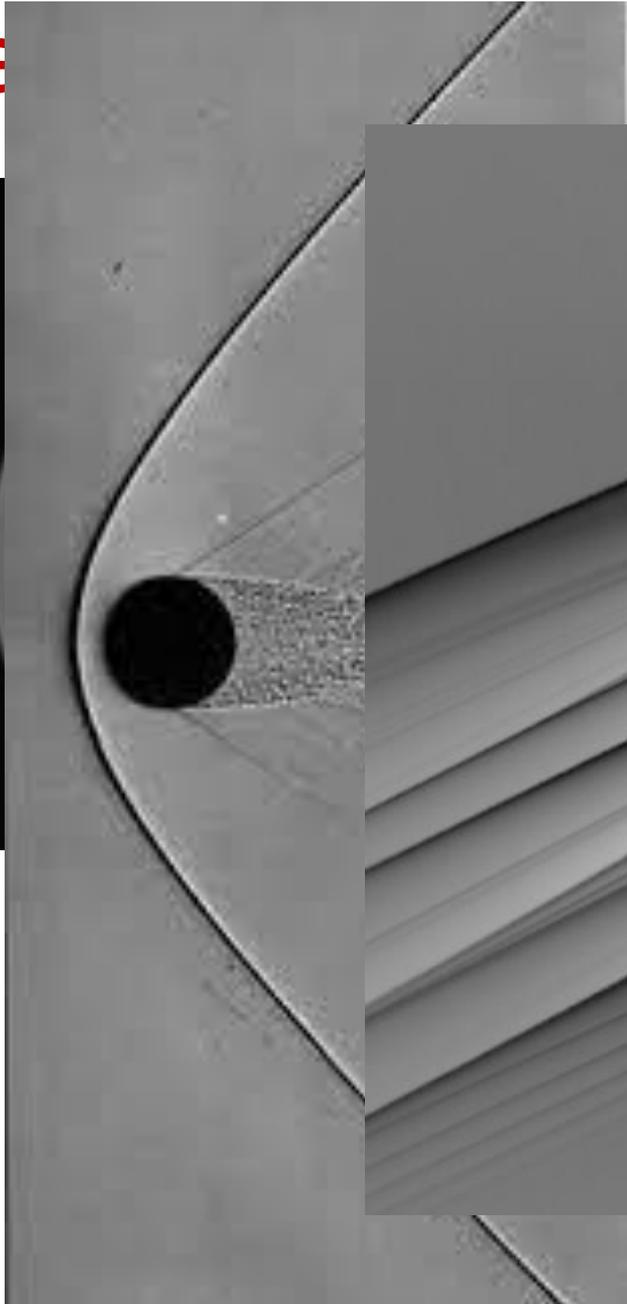
Immagine Schlieren (strioscopia)



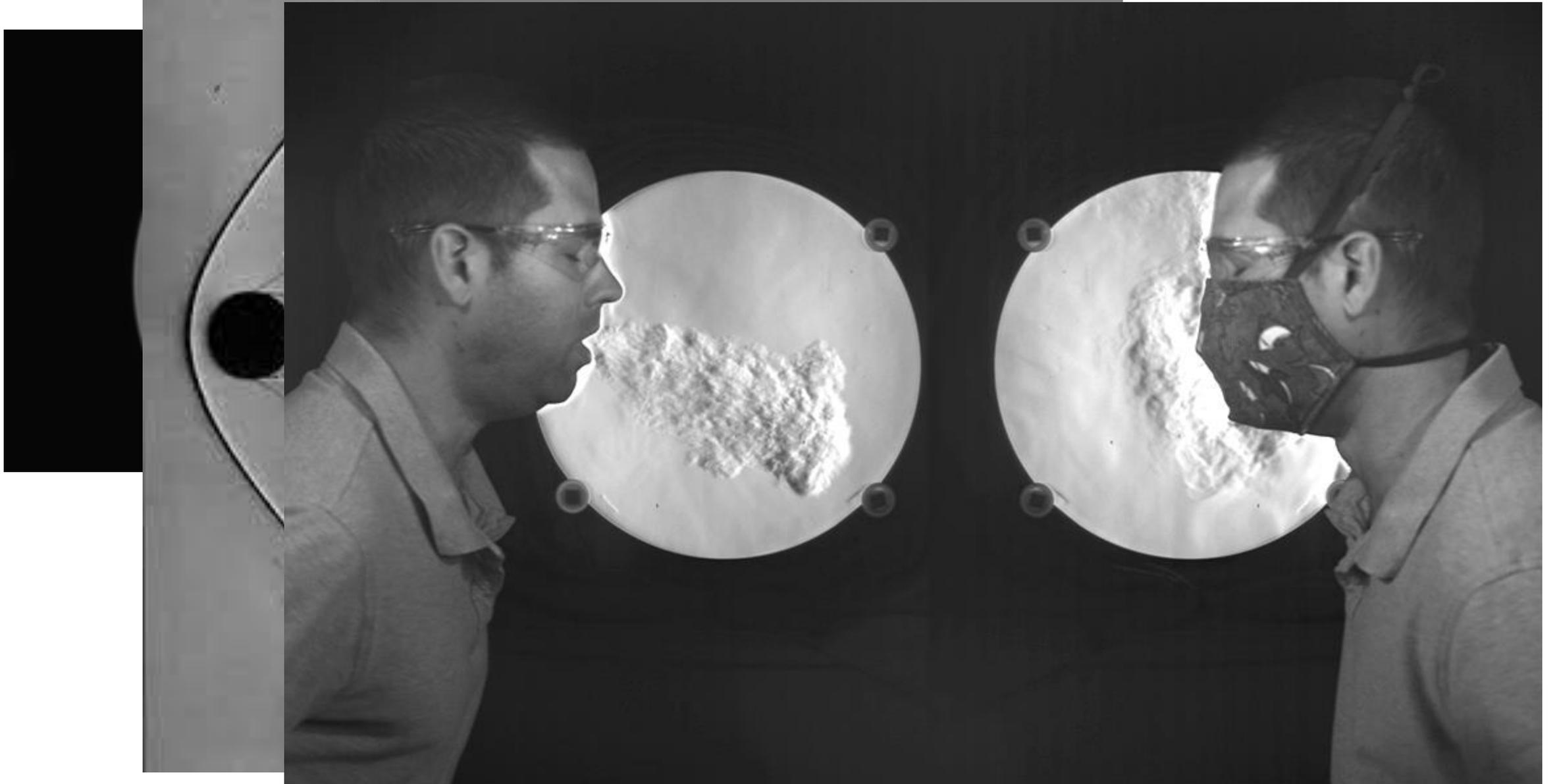
Immunofluorescence (strioscopia)



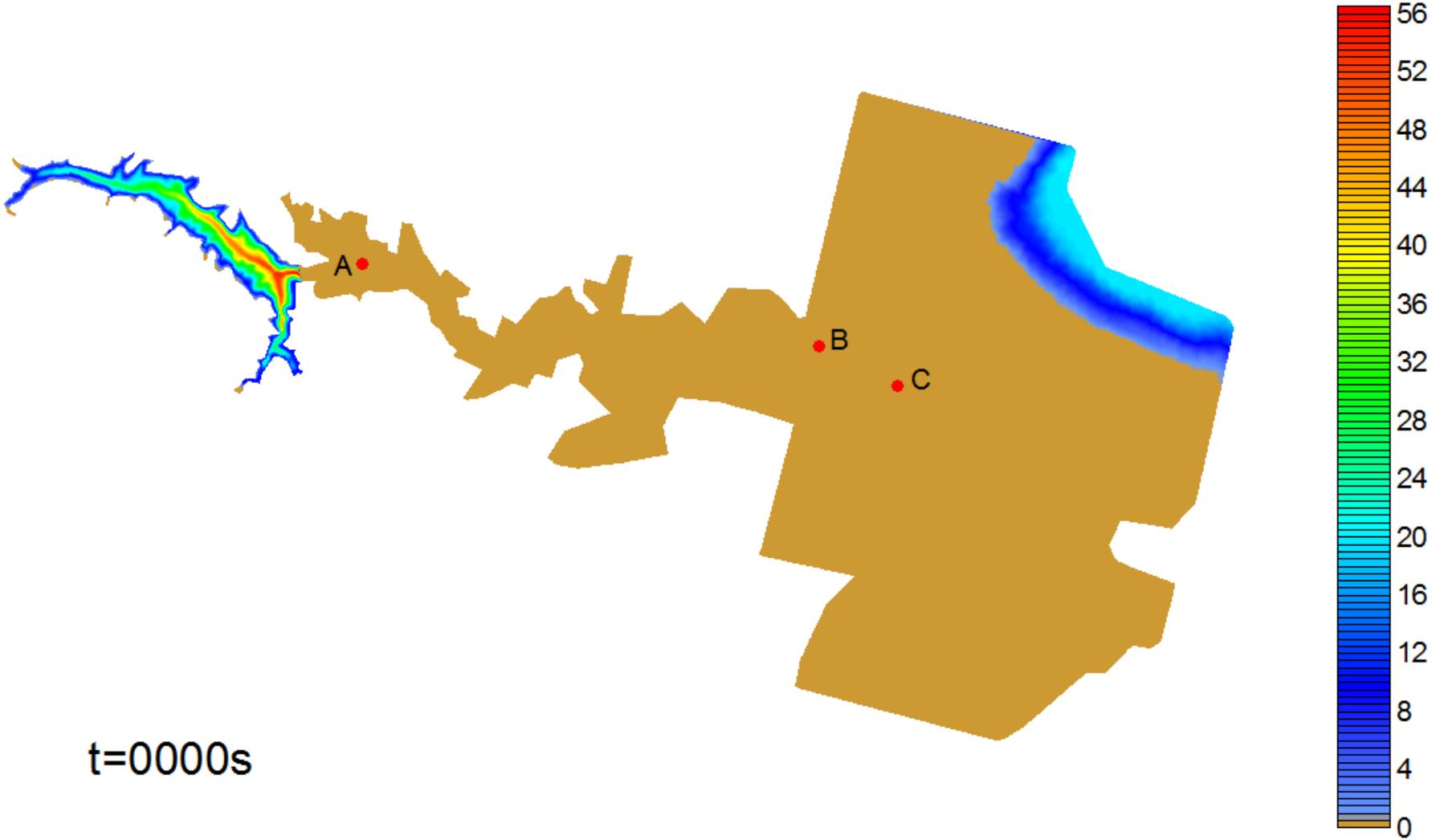
Immagini (strioscopia)



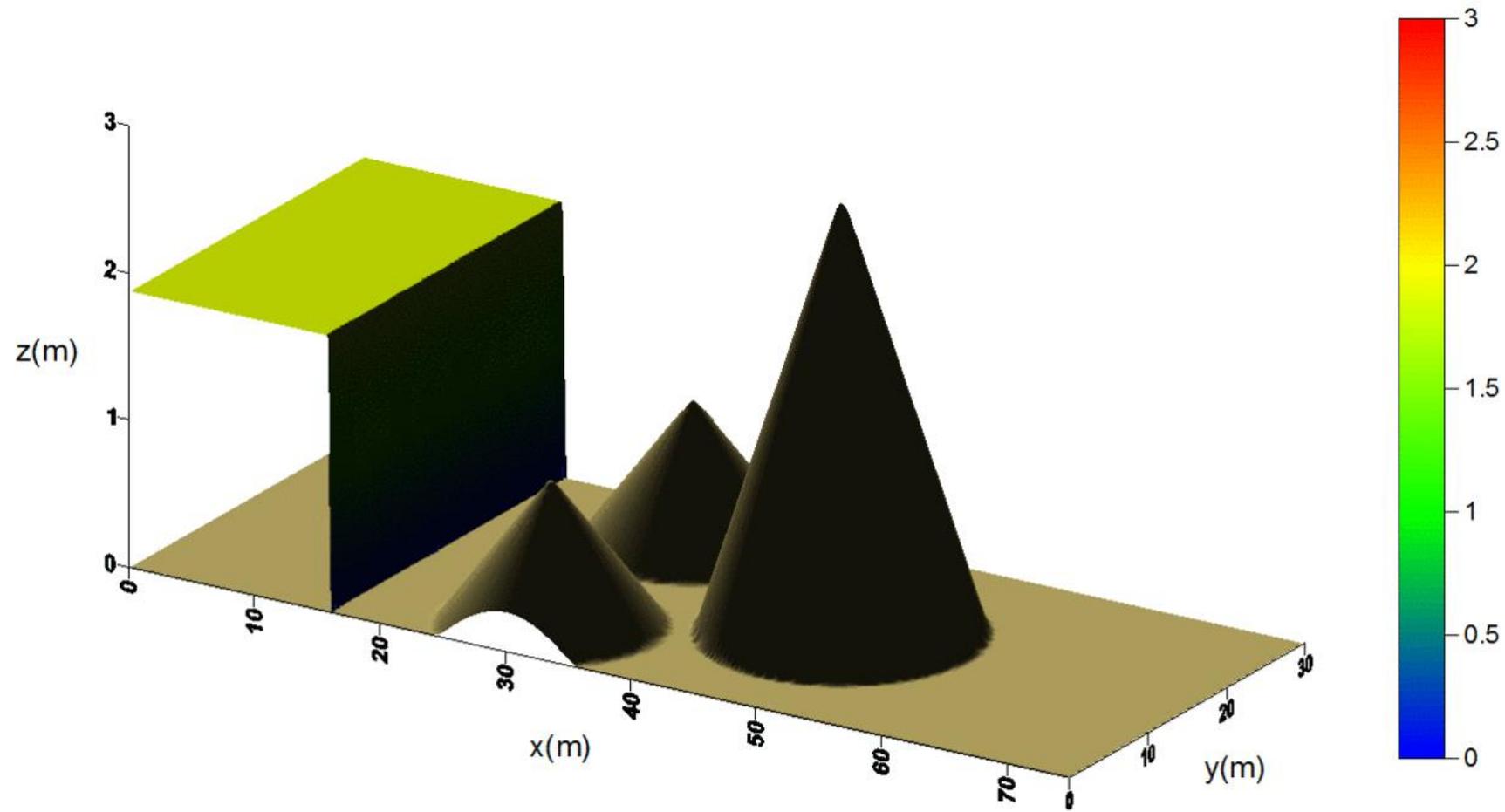
Immunofluorescence (strioscopia)



Elaborazioni numeriche



Elaborazioni numeriche



$t=0s$

Grazie per l'attenzione!