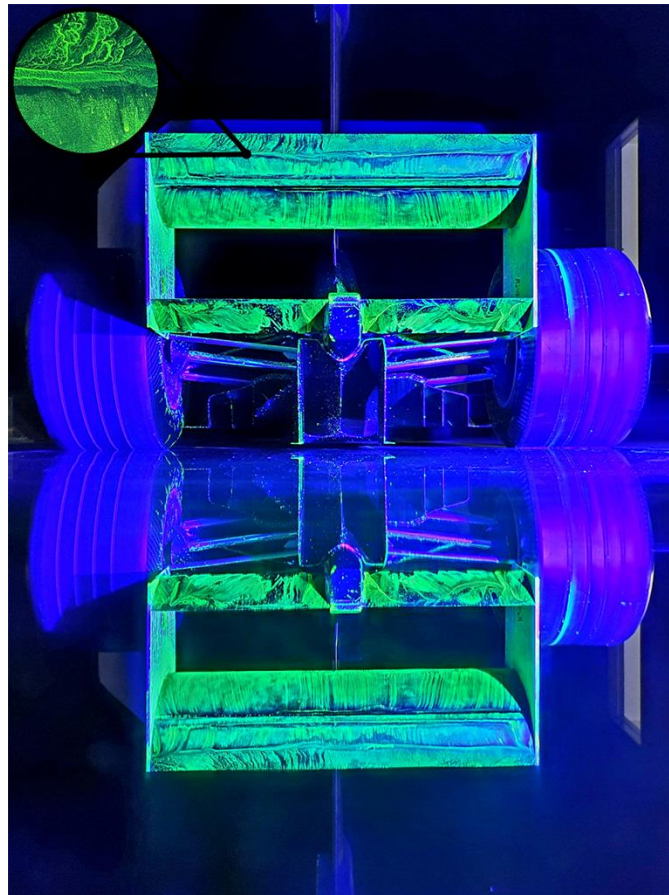


UK Fluids Network photo/video competition #13

PHOTO JOINT RUNNER-UP (1/2)

‘Turbulent Structures on Rear Wing Element of F1 Car’

Youssef Elashmawi, David Edwards & Joshua Adams (Southampton)



Click on image to see high quality version

The photo depicts turbulent boundary layers and flow separation over the rear wing of a model open-wheel race car in the RJ Mitchell Windtunnel at the University of Southampton. The freestream velocity is 20m/s and flow-vis oil was used to visualise the flow structures.