## 24th Australian Institute of Physics Congress



Contribution ID: 747

Type: Poster

## How Wings Actually Work: Navier-Stokes and Viscosity not Coanda or Others

Thursday 15 December 2022 18:45 (15 minutes)

Recently, YouTube science communicators have tried to explain lift. Unfortunately, fluids are not intuitive, and Navier-Stokes provides little qualitative insight. Saying Coanda is as incorrect as claiming equal transit, or simply saying Bernoulli. How do wings work? Navier-Stokes and viscosity!

Author: WILD, Graham (UNSW)

Presenter: WILD, Graham (UNSW)

Session Classification: Poster session

Track Classification: AIP Congress: AIP: Education