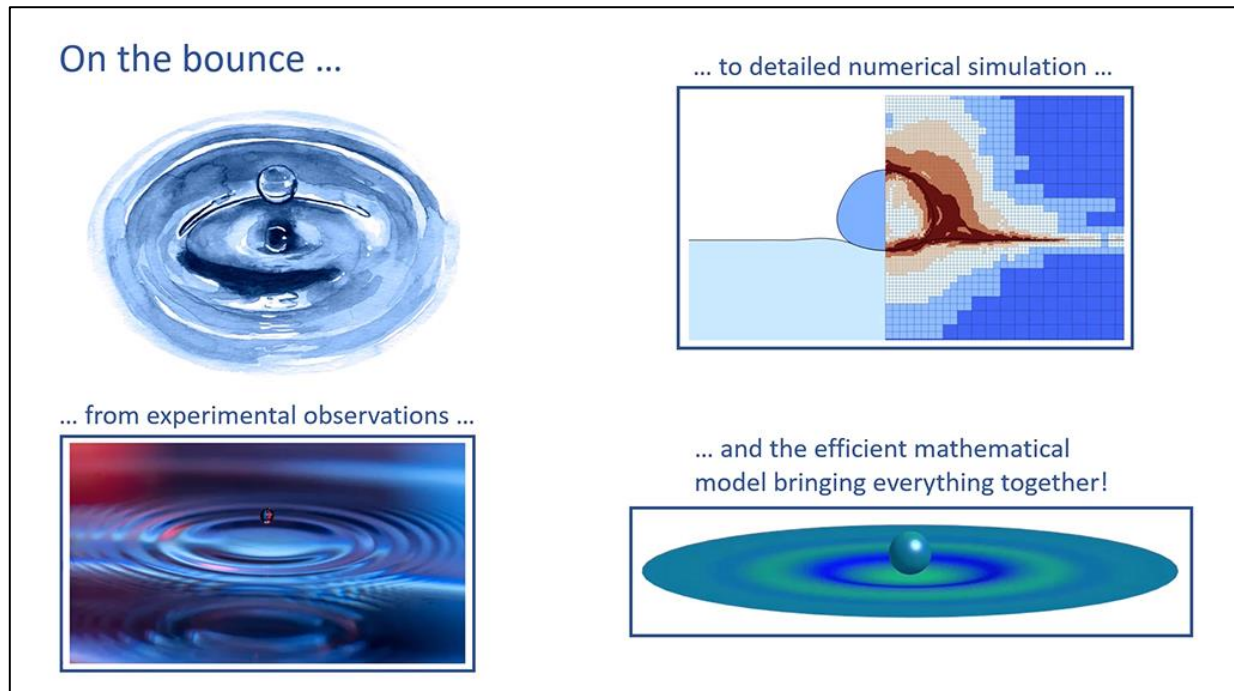


UK Fluids Network photo/video competition #13

VIDEO JOINT RUNNER-UP (1/2)

‘On the bounce’

Radu Cimpanu (Warwick)



Click on image to play video

Millimetre-sized drop impacting onto a pool of the same liquid at gentle speeds, resulting in bouncing dynamics. The experimental campaign has been complemented by direct numerical simulations, with insight from both approaches encapsulated in a new and efficient reduced-order model. The video showcases all methodologies in action.