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Researcher  
Physics of Fluids  
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## Research interests

Direct Numerical Simulations of drops, bubbles, and jets at low Reynolds numbers

## Employment

### Researcher

Physics of Fluids  
University of Twente  
1 Jul 2022 → present

### Researcher

MESA+ Institute  
University of Twente  
1 Jul 2018 → present

## Research outputs

### Viscous Free-Surface Flows

Sanjay, V., 4 Jul 2022, Enschede: University of Twente. 306 p.

### Drop impact on viscous liquid films

Sanjay, V., Lakshman, S., Chantelot, P., Snoeijer, J. H. & Lohse, D., 13 Jun 2022, ArXiv.

### Bursting bubble in a viscoplastic medium

Sanjay, V., Lohse, D. & Jalaal, M., 10 Sep 2021, In: Journal of fluid mechanics. 922, A2.

### Bursting bubble in a viscoplastic medium

Sanjay, V., Lohse, D. & Jalaal, M., 19 Jan 2021, arXiv.org, (arXiv.org).

### Lifting a sessile oil drop from a superamphiphobic surface with an impacting one

Ramírez-Soto, O., Sanjay, V., Lohse, D., Pham, J. T. & Vollmer, D., 19 Aug 2020, In: Science advances. 6, 34, eaba4330.

### Consequences of Inclined and Dual Jet Impingement in Stagnant Liquid and Stratified Layers

Jain, A., Sanjay, V. & Das, A. K., 26 Jan 2019, In: AIChE journal. 65, 1, p. 372-384

### Formation of fluid structures due to jet-jet and jet-sheet interactions

Soni, A., Sanjay, V. & Das, A. K., 14 Dec 2018, In: Chemical engineering science. 191, p. 67-77 11 p.

### Numerical Assessment of Hazard in Compartmental Fire Having Steady Heat Release Rate from the Source

Sanjay, V. & Das, A. K., 2018, In: Building Simulation. 11, p. 613-624

### Formation of liquid chain by collision of two Laminar jets

Sanjay, V. & Das, A. K., 1 Nov 2017, In: Physics of fluids. 29, 11, 112101.

**On air entrainment in a water pool by impingement of a jet**

Sanjay, V. & Das, A. K., 1 Nov 2017, In: AIChE journal. 63, 11, p. 5169-5181 13 p.