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The Erasmus+ Program was a great opportunity to exchange knowledge and best practice between the Institute of Physics of the Polish Academy of Sciences and Imperial College London through a well-designed visit to Matar Fluids group in the period 28 January – 1 February 2019. Given the high-level experience in integrating researchers from all over the world, the hosting institution had been already well prepared to host me and provide an excellent environment for academic interaction through state-of-the-art infrastructure and access to a number of activities across the college. During this stay, I had the opportunity of discussing common practice in teaching, disseminate results through a scientific talk at the Department of Chemical Engineering, emphasise the importance of mobility in my scientific career through an invited presentation attended by research associates, discuss and perform science on the superspreading of surfactant-laden droplets and other related topics obtaining new results that will be published within this year, and plan the future through common grant applications with the Matar Fluids group and other closely related groups from different departments at Imperial College London. I also had the opportunity of acquiring new skills in the area of multi-scale computer simulation, by enhancing my knowledge in continuum simulation methods, an expertise of the Matar Fluids group. In summary, this program has enriched my scientific and soft skills. I am planning to transfer these skill to my home institution by communicating my experience with my colleagues and incorporate elements of this experience in my future scientific and soft skills presentations.

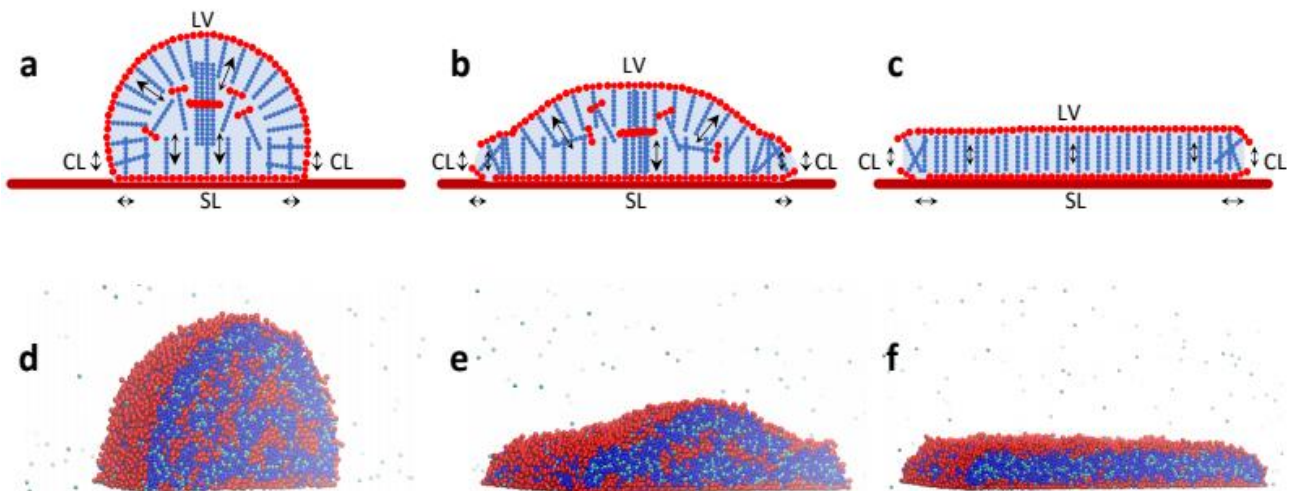


Figure 1: a-c: Schematic representation of the superspreading mechanism indicating the main adsorption processes with the dominant direction shown by a larger arrow, d-f: typical snapshots of a surfactant-laden droplet during superspreading.