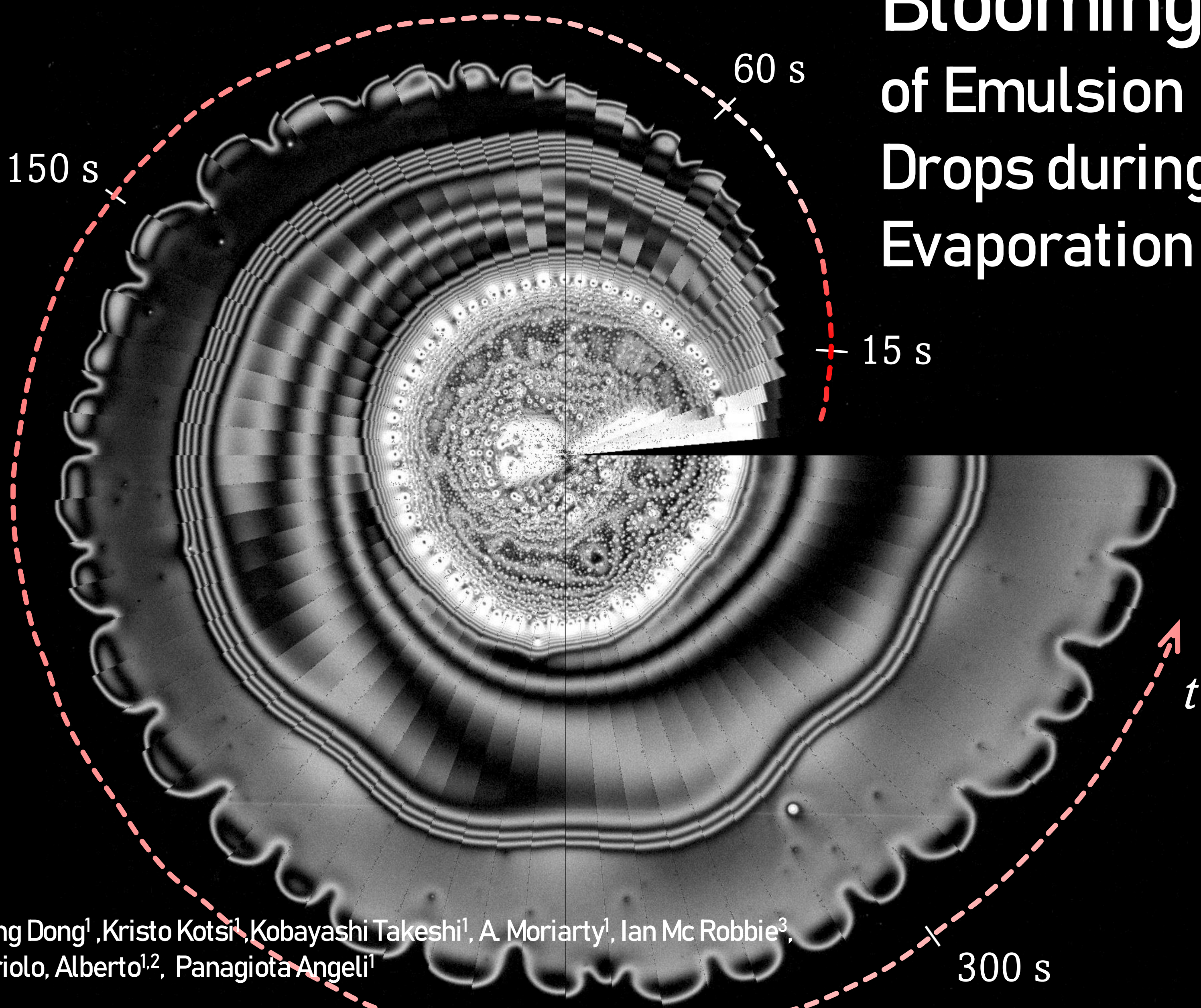


Drop evaporation and film spreading occur simultaneously when a submillimeter oil-in-water emulsion drop is deposited on a solid surface. Due to the special morphology of the droplet, the thin film follows a multi-layer spreading. In combination with the film instability, the spreading droplet acquires a flower-like pattern, the evolution of which depends on the wettability of the surface.

Blooming of Emulsion Drops during Evaporation



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