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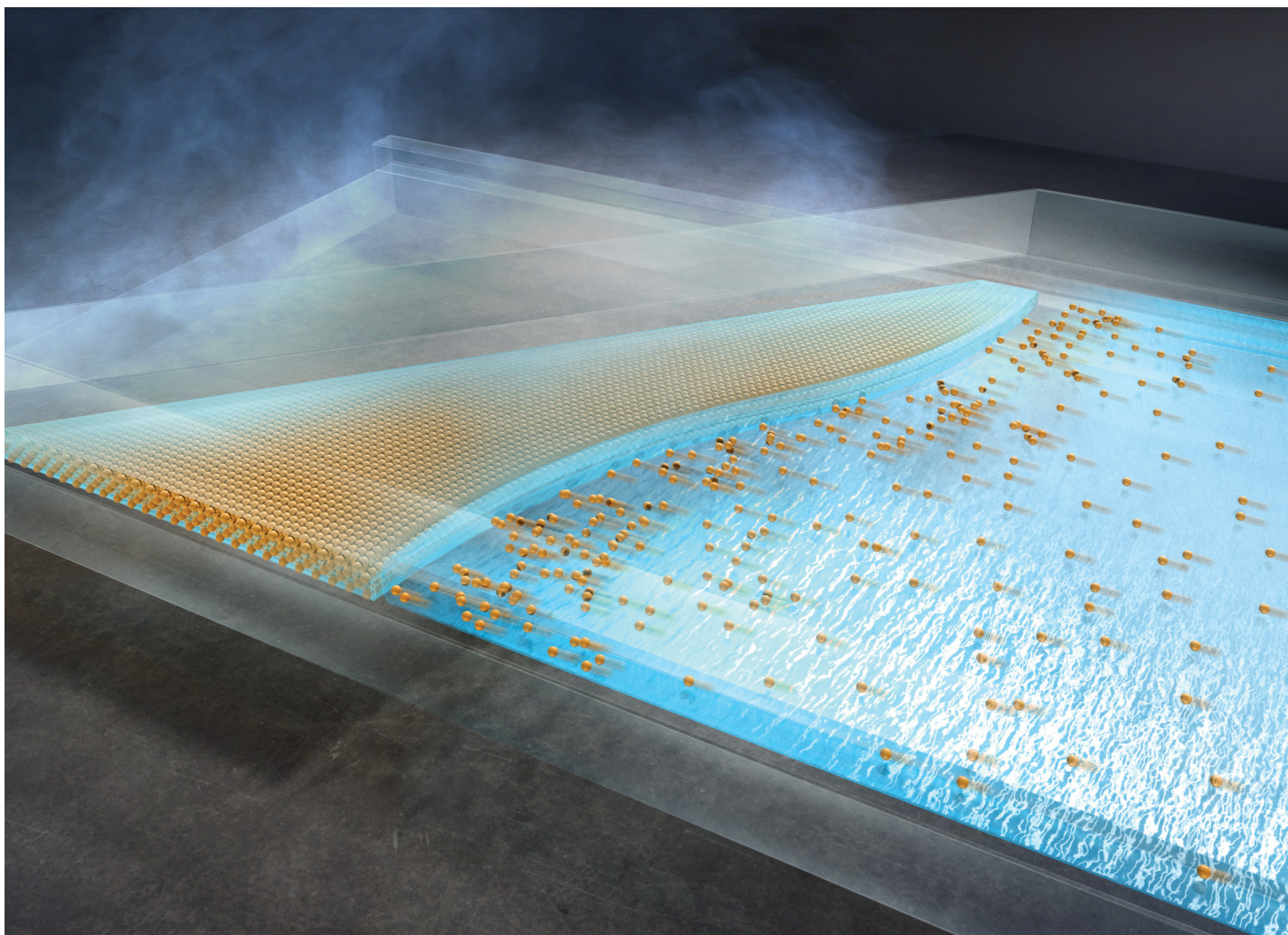


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Showcasing research from the group of Professor Susumu Inasawa, Department of Applied Physics and Chemical Engineering, Tokyo University of Agriculture and Technology, Japan

Position-dependent rates of film growth in drying colloidal suspensions on tilted air-water interfaces

This work focused on film formation process induced by drying of a suspension with a tilted air-water interface. The Inasawa group observed clear differences in film growth rates between the two ends of the channel in which a suspension dried with the tilted air-water interface. The difference is related to the angle of the packing front and this relationship can be successfully described by a simple mathematical model.

As featured in:



See Kohei Abe and Susumu Inasawa, *Phys. Chem. Chem. Phys.*, 2023, 25, 15647.