

Abstract Submitted
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Cylindrical bubbles and blobs from a Class II Hydrophobin¹ PAUL RUSSO, MICHAEL PHAM, BRAD BLALOCK, Louisiana State University, HYDROPHOBIN COLLABORATION — *Cerato ulmin* is a class II hydrophobin. In aqueous suspensions, it easily forms cylindrical air bubbles and cylindrical oil blobs. The conditions for formation of these unusual structures will be discussed, along with scattering and microscopic investigations of their remarkable stability. Possible applications in diverse fields including polymer synthesis and oil spill remediation will be considered. Acknowledgment is made to Dr. Wayne C. Richards of the Canadian Forest Service for the gift of *Cerato ulmin*.

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