

Abstract Submitted  
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**Migration of Surfactant Vesicles during spontaneous emulsification** DOMINIK MICHLER, NOUSHINE SHAHIDZADEH, RUDOLF SPRIK, PETER SCHALL, DANIEL BONN, Soft Matter, Van der Waals-Zeeman Instituut, Universiteit van Amsterdam, SHELL COLLABORATION — In aqueous AOT solutions, micrometer sized vesicles appear above the critical micelle concentration. These vesicles move spontaneously towards an oil interface and form an emulsion under the condition of ultra low interfacial tension. We discuss the probable mechanisms that lead to the migration behavior of these vesicles.

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