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Elasticity and plasticity : foams near jamming

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3. Siemens, A.O.N., van Hecke, M., *Jamming: A Simple Introduction*, Physica A **389**, 4255 (2010).
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Curriculum Vitae

I was born on June 20, 1985 in Washington, D.C., USA. After finishing high school at the Frankfurt International School in Frankfurt, Germany, I began my undergraduate studies at The Johns Hopkins University in Baltimore, Maryland, USA. I worked each summer in a different lab, notably on back-scattering of strongly scattering powders in the lab of Prof. Georg Maret at Universität Konstanz, Germany, and on the Edwards entropy hypothesis in the lab of Prof. Robert Behringer at Duke University, North Carolina, USA. My senior thesis, *Edwards Entropy of a Binary Mixture in Granular Materials*, was completed under the supervision of Prof. Robert Behringer and Prof. Robert Leheny and I received my B.Sc. in Physics with a minor in Mathematics in 2007.

I moved to New York City, New York, USA, to join the newly-formed research group of Prof. Jasna Brujic at New York University. I was lead experimentalist on creating polydisperse micro emulsions and analyzing them, using confocal microscopy. This research led to two research papers, notably A “*granocentric*” model for random packing of jammed emulsions in Nature Magazine.

In 2009, I began a Ph.D. project in the Granular and Disordered Media group of Prof. Martin van Hecke at Leiden University on elasticity and plasticity in disordered foams. The results of this research are collected in this Thesis. At Leiden University I worked as a teachers assistant for courses in LabVIEW and Experimental Physics. I attended conferences and presented papers in Amsterdam, Wageningen, Twente, Delft, Lisbon (Portugal), Cargese (France), Edinburgh (Scotland), Dublin (Ireland), New York, Baltimore, Dallas and Portland (USA).

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