1135-53-2273   **Matias Delgadino**, **Francesco Maggi** and **Cornelia Mihaila*** (`cmihaila@math.utexas.edu`), Department of Mathematics, 2515 Speedway Stop C1200, Austin, TX 78712, and **Robin Neumayer**. *Bubbling with L^2 almost constant mean curvature and an Alexandrov type theorem for crystals.*

I will discuss a recent result in which an Alexandrov-type theorem for L^2 almost constant anisotropic mean curvature sets is proven. In addition I will provide a description of critical points/local minimizers for elliptic energies interacting with a confinement potential. Key tools involved are the use of the Finslerian Laplace operator, and the use of a variety of geometric identities. An improvement on previous almost constant mean curvature results is our use of L^2 versus C^0 closeness, since that should have applications in mean curvature flow and is new even in the isotropic case. This talk is based on a joint work with Matias Delgadino, Francesco Maggi, and Robin Neumayer. (Received September 25, 2017)