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**Anna L Mazzucato\*** ([alm24@psu.edu](mailto:alm24@psu.edu)). *Vorticity concentration at the boundary for Taylor-Couette flows in the zero viscosity limit.*

I will present rigorous results concerning vorticity concentration at the boundary as a vortex sheet in the limit of vanishing viscosity for certain types of Taylor-Couette flows in pipes and channels. This is joint work with several authors. (Received September 10, 2013)