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Roman Shvydkoy*, 851 S Morgan St, M/C 249, Chicago, IL 60607. *Energy law for the type I blowup of solutions to the 3D Navier-Stokes system.*

We prove that the natural energy balance relation survives a type I in time blowup of solutions to the Navier-Stokes system. The proof uses an interaction scheme based on local energy inequality. This is a joint work with Trevor Leslie. (Received September 06, 2017)