



## Partial Differential Equations and Applied Mathematics Seminar

**The vanishing alpha limit for the Euler-alpha equations in domains with boundary**  
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The Euler-alpha equations are a regularization of the incompressible Euler equations, obtained by smoothing out momentum transport at small scales. It formally reduces to the Euler system when the parameter alpha is set to zero. This is relatively easy to prove in the absence of boundaries, but it may become delicate when dealing with rigid boundaries. In this talk, we will examine what is known regarding this problem, for different boundary conditions.

**Thursday, February 21st, 2019 at 2:00 PM.**  
*Korman Center, Room 245.*

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