

# Mathematics Graduate Seminar

**Dr. Ronald Haynes  
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**Thursday, September 29, 2016  
1:00p.m., HH-3017**

***A parallel approach to PDE based mesh generation***

**Abstract:**

In this talk I will briefly overview PDE based mesh generation as used in the numerical solution of partial differential equations. I will introduce a partitioning approach, domain decomposition, for the solution of PDEs and finally propose and analyze a natural marriage between the two topics.