

# Numerical Analysis & Scientific Computing Seminar

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**Thursday, March 5, 2020  
SN-4040, 2-3pm**

***Introduction to Multigrid reduction in time (MGRIT)***

**Abstract:**

Multigrid reduction in time methods are a form of multigrid methods that are based on multigrid reduction techniques. They are applied to time dependent partial differential equation where they focus on temporal coarsening in order to take advantage of today's computing architecture of limited in count but faster processors. These methods are highly parallelizable which make them gain recent interest in the field of research. This talk will be a very introductory look on the basic theory of MGRIT.