

# Mathematics Graduate Seminar

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**Thursday, February 2, 2017**  
**1:00p.m., HH-3017**

*Exterior Calculus and Maxwell's Equations*

**Abstract:**

This is a presentation of my Bachelors Thesis on Exterior Calculus. An introduction to differential forms, its interior and exterior product is given. Furthermore will we express the Maxwell's Equations using differential forms. Using the Homotopy operator one can find a general solution to the Maxwell's Equations.