

*Department of Mathematics,  
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## Math 248 - Analysis Seminar

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# Cohomological properties of complex manifolds

**Abstract:**

The  $\partial\bar{\partial}$ -lemma is an important obstruction to Kählerianity on compact complex manifolds. In this talk we will describe the relations between this property and the cohomology groups that one can define on complex manifolds. These are joint works with Daniele Angella, Tatsuo Suwa and Adriano Tomassini.

Host: Peter Ebenfelt

**Tuesday, March 19, 2019**

**3:00 PM**

**AP&M 7421**

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