

**From:** "Nowak, Martin A." <[REDACTED]>  
**To:** jeffrey E. <jeevacation@gmail.com>  
**Subject:** Fwd: Differential Geometry Seminar- today @ 4:15 pm - Gao Chen- Classification of gravitational instantons  
**Date:** Tue, 20 Sep 2016 15:40:19 +0000

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very cool!

Begin forwarded message:

**From:** Maureen Armstrong <[REDACTED]>  
**Subject:** Differential Geometry Seminar- today @ 4:15 pm - Gao Chen- Classification of gravitational instantons  
**Date:** September 20, 2016 at 10:22:45 AM EDT  
**To:** <[REDACTED]>, "[REDACTED]" <[REDACTED]>, "[REDACTED]" <[REDACTED]>  
**Cc:** Yau <[REDACTED]>, Chen Gao <[REDACTED]>, <[REDACTED]>, <[REDACTED]>

Differential Geometry Seminar  
Tuesday, September 20, 2016.  
Science Center 507  
4:15 pm

Speaker: Gao Chen (Stony Brook)  
Title: Classification of gravitational instantons

Abstract: A gravitational instanton is a complete non-compact Calabi-Yau surface, i.e. hyperkahler 4-manifold with an appropriate curvature decay condition on the end. In this talk, I will discuss the classification of gravitational instantons with faster than quadratic curvature decay condition. It's a joint work with Xiuxiong Chen.

—Organized by S.T. Yau

**DIFFERENTIAL GEOMETRY SEMINAR: Gao Chen** Classification of gravitational instantons  
Stony Brook  
on **Tuesday, September 20, 2016, at 4:15 PM** in **Science Center 507**

A gravitational instanton is a complete non-compact Calabi-Yau surface, i.e. hyperkahler 4-manifold with an appropriate curvature decay condition on the end. In this talk, I will discuss the classification of gravitational instantons with faster than quadratic curvature decay condition. It's a joint work with Xiuxiong Chen.