



The Math/Stats Colloquium
Department of Mathematics and Statistics
San José State University



Nic Brummell

UC Santa Cruz

The Mathematics of the Sun

NOVEMBER 18, 2015, MH320

Abstract: Where we we be without our nearest and dearest star, the Sun? These days, thanks to spacecraft technology, we can observe it in amazing detail, and yet we understand very little about how it works. As usual, mathematical models make a great laboratory for playing with some ideas, and these have provided some great insight into this mysterious object. And yet, even with massive supercomputers at our disposal, we are still very confused as to what is going on. We will explore this dilemma in this talk.

Background: This talk should be accessible to all. Some equations will be shown, but, never fear, the mysterious symbols will be translated into easy-to-understand physical phenomena.

About the speaker: Nic Brummell received a PhD from Imperial College, London, UK and is currently a Professor and Chair of the Department of Applied Mathematics and Statistics at UCSC. He work on mathematical models of fluid dynamics and the use of modern supercomputers for these problems.

SNACKS IN MH331B AT 2:30 PM
TALK STARTS AT 3 PM

For more information, see our full schedule at:

<http://www.math.sjsu.edu/~hsu/colloq/>