

The Humboldt State University

Department of Mathematics

Presents:

The 65th Harry S. Kieval Lecture\*\*

Monday, April 6, 2015

7:30 P.M.

Founders Hall Room 118

**Margot Gerritsen, Ph.D.**

**Stanford University**



## **“Mathematical Tools Bring Hidden Beauty to Light”**

*Is it difficult to believe that the linear algebra taught in school is attractive or even useful? Dr. Margot Gerritsen will make us believers. She shows that not only are these equations the very core of science and engineering, they can be turned into beautiful art.*

Margot Gerritsen is an Associate Professor of Energy Resources Engineering at Stanford University, interested in computer simulation and mathematical analysis of engineering processes, and director of the Institute for Computational and Mathematical Engineering ([icme.stanford.edu](http://icme.stanford.edu)). She specializes in renewable and fossil energy production and is also active in coastal ocean dynamics and yacht design, as well as several areas in computational mathematics including search algorithm design and matrix computations.

She teaches courses in renewable energy processes, wind energy, reservoir simulation, numerical linear algebra and numerical analysis.

**\*\*A lecture on some popular and/or broad aspects of mathematics attractive to undergraduates and the public**

For more information go to: <http://www.humboldt.edu/math/kieval/index.html>

HSU is an AA/EO institution.

Disability accommodations may be available from event sponsor at 826-3143

