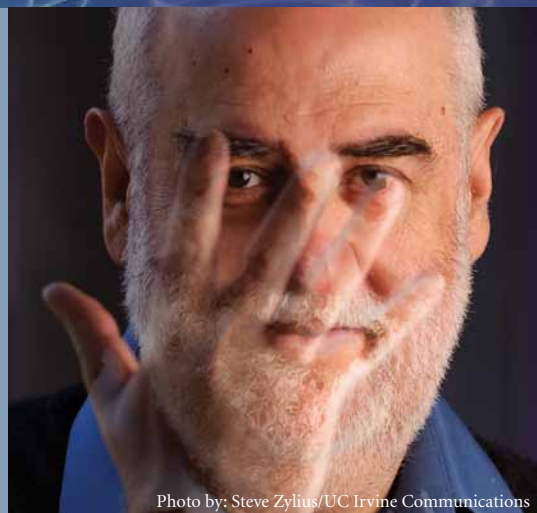


The American Mathematical Society presents
The AMS Einstein Public Lecture in Mathematics

Gunther Uhlmann

Professor of Mathematics, University of California,
Irvine and University of Washington



Cloaking: Science Meets Science Fiction

Saturday, March 17, 2012

5 p.m. with a reception to follow

**McCrea Auditorium in Fungler Hall (Room 108)
on The George Washington University campus**

Can we make objects invisible? This has been a subject of human fascination for millennia in Greek mythology, movies, science fiction, etc., including the legend of Perseus versus Medusa and the more recent *Star Trek* and *Harry Potter*. In the last decade or so there have been several scientific proposals to achieve invisibility. We will introduce some of these in a non-technical fashion concentrating on the so-called “transformation optics” that has received the most attention in the scientific literature.



Uhlmann’s research provides the foundation for recent breakthroughs in “cloaking.” He has received many awards, including a Guggenheim Fellowship, a Sloan Fellowship and the Bôcher Memorial Prize. In addition, Uhlmann has been an invited speaker at the International Congress of Mathematicians in Berlin and the International Congress of Industrial and Applied Mathematics in Zurich.

Sponsored by the American Mathematical Society.

Hosted by The George Washington University Department of Mathematics.

This event is part of the AMS 2012 Spring Eastern Sectional Meeting, March 17-18.

ams.org/meetings/sectional/2194_events.html

