

Yale's CRISP MRSEC *and* Science Pathways present a

# PUBLIC LECTURE

Thursday, March 22 @ 5:00 – 7:00 pm

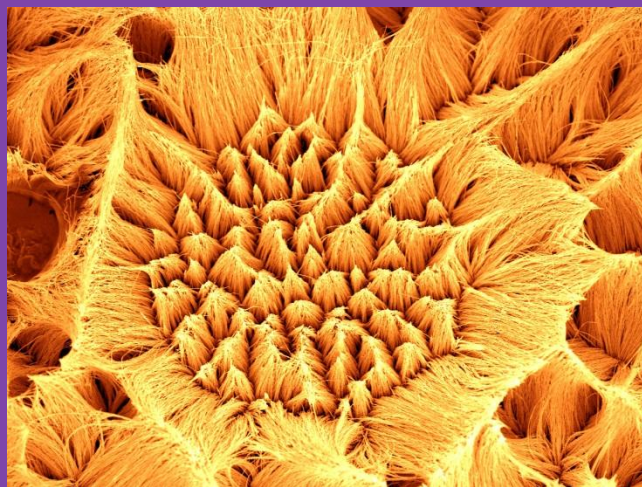
Davies Auditorium • Yale University

## Strong as Steel, but Pliable as Plastic: Metals Conquering the Nanoworld

Prof. Jan Schroers • Yale/CRISP

[www.schroerslab.com](http://www.schroerslab.com)

*Materials science* is the study of stuff. Almost everything around you – the clothes you wear, the dishes you eat from, the computer you use, the bike or skateboard you ride – is made of materials. *Nanotechnology* is working with those materials at a very, very, very small scale: *one billionth* of a meter! Why work with stuff so small? Manipulating materials at the nano-level can help scientists create new and exciting materials with unique properties.



*hands-on demonstrations after the lecture*

Yale Professor Jan Schroers will talk about how he used nanotechnology to make hard metals act as moldable as plastic! After he speaks, you can participate in hands-on demos showing why nanotechnology is so amazing.

**This event is FREE, but space is limited!**

This event is in support of the 2012 NanoDays outreach campaign



NATIONAL SCIENCE FOUNDATION

**MRSEC**



**MATERIALS  
RESEARCH  
SCIENCE &  
ENGINEERING  
CENTERS**

**NanoDays**

The Biggest Event for the Smallest Science!

For more information, please visit [www.crisp.yale.edu](http://www.crisp.yale.edu)