MasterWorks
Lecture Series

CASC

Wednesday, July 28, 2021

9:00 a.m.

WebEx

Dr. Margot Gerritsen
Stanford University

40 Years of Adventures in STEM

Abstract:

It's hard to believe I've spent nearly 40 years in STEM. In that time, much changed: we changed from typewriters to PCs, from low performance to high performance computing, from data-supported research to data-driven research, from traditional languages such as Fortran to a plethora of programming environments. And the rate of change seems to increase constantly. Some things have stayed more or less the same, such as the gender make-up of the STEM community, the level of stress and the struggles we all experience (and the joys!). In this talk, I will reflect on those years, on lessons learned and not learned or unlearned, on things I wish I understood 40 years ago, and on things I still do not understand

Bio:

Margot is a professor at Stanford University in the Department of Energy Resources Engineering (ERE) and the Institute of Computational & Mathematical Engineering (ICME). She joined ERE as a faculty member in 2001 after 5 years as a lecturer at the University of Auckland, New Zealand. Margot received her PhD in Scientific Computing & Computational Mathematics (SCCM) at Stanford University in 1996. Margot was born and raised in the Netherlands and left her home country in 1990 to search for sunnier and hillier places. She moved to Colorado and joined SCCM in 1991 after spending a year at the University of Colorado at Denver. From 2010-2018, Margot was the director of ICME. During this directorship, she founded the Women in Data Science initiative, which is now a global organization in over 70 countries. From 2015-2020, Margot was also the Senior Associate Dean of Educational Affairs at Stanford's school of Earth, Energy &Environmental Sciences. Currently, Margot still co-directs WiDS and the Chair of the Board of SIAM.