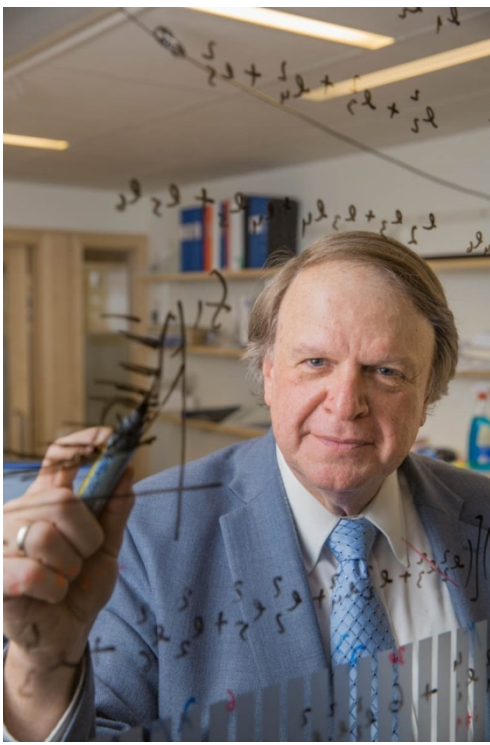




Invitation to the Tage Erlander Guest Professorship 2014 Lecture and Award Ceremony, 26 May 2014

Kollegiesalen, (NB: entrance from Brinellvägen 6), KTH Royal Institute of Technology, Stockholm



Programme (+ live broadcast, link below)

14.30 Refreshments (by the entrance from Brinellvägen 6)

15.00 - 15.15

- Arne Johansson, Vice-President for research, KTH, welcomes the audience and John Baras to this afternoon
- Lars Kloo, Secretary General for Natural and Engineering Sciences, Swedish Research Council, introduces the Tage Erlander Guest Professorship and the lecturer

15.15–16.15 Tage Erlander Guest Professorship 2014: Lecture and Award Ceremony

Open lecture: The Next Wonder: Using Models for “Making” Products and Services by
Professor John S. Baras, University of Maryland College Park, USA

Information Technology advances have enabled creation of complex products and services, with many heterogeneous components and multiple functions capabilities. They have affected all aspects of life and work and have led us into the network era. The systematic design, manufacturing and operation of such complex products and services so as to meet performance specifications is a grand challenge for science and engineering. In this inauguration lecture, John S. Baras will describe his research in the emerging discipline of Model-Based Systems Engineering that addresses this challenges faced in research and industry. The societal and economic impact of this approach is by some predicted to be greater than that of typography, microelectronic chips, the PC, the Internet. The discussion will concern some of the many applications of Model-Based Systems Engineering, from power grids to health care.

Time for questions and discussion, moderated by Mikael Skoglund, professor at School of Electrical Engineering, KTH

Award ceremony

16.30 End of programme

*The lecture will also be **broadcasted live**, please follow the link:*
<http://www.livestream.com/kthlive>

The event is free and open to all.

Welcome!



[Read more about John Baras](#)