Programme
KTH Professors for the Future

Conversations with new KTH professors and honorary doctors on science and technology developments.

ROOM F2

INTRODUCTION

PRESENTATION OF KTH AWARD WINNERS

13.30–13.40
President Peter Gudmundson

ROOM F2 & F3

KTH PROFESSORS FOR THE FUTURE

13.40–15.40

Two parallel sessions with three presentations in each, chaired by a KTH professor in the area. Each presentation starts with a short, popular overview of the research area of the new professor. A conversation on a future-oriented theme follows.
ROOM F2
Chair: Peter Gudmundson

13.40–14.10
Session 1:1 What Remains to be Discovered in Physics?
Professor Tommy Ohlsson
Professor Edwin Langmann
Conversation leader: Professor Bengt Lund-Jensen

14.10–14.50
Session 1:2 Work Organization for Technical Development
Professor Mats Engwall
Professor Jörgen Eklund
Professor Tore Larsson
Conversation leader: Professor Jan Forslin

14.50–15.00
Session 1:3 Autonomous Industrial Systems
Professor Love Ekenberg
Professor Danica Kragic
Professor Lars Rasmussen
Professor Elena Dubrova
Conversation leader: Professor Carl Gustav Jansson

15.40–16.00
Break
ROOM F3
Chair: Folke Snickars

13.40–14.10
*Session 2:1 Rethinking the Energy System*
Professor Rajeev Thottappillil
Professor Jan Wallenius
Conversation leader: Professor Björn Palm

14.10–14.55
*Session 2:2 Developing Materials for a Sustainable Future*
Professor Mikael Lindström
Professor Inger Odnewall Wallinder
Professor Mattias Hammar
Professor Helen Andersson – Svahn
Conversation leader: Professor Ulf Gedde

14.55–15.40
*Session 2:3 Science and Art in Building and Construction*
Professor Sara Grahn
Professor Anders Wilhelmsson
Professor Johan Celsing
Conversation leader: Professor Alexis Pontvik

15.40–16.00
*Break*
ROOM F2

CONVERSATIONS WITH KTH HONORARY DOCTORS 2008
16.00–18.00

Introduction
President Peter Gudmundson

Emergent Transportation Science
Moshe Ben-Akiva, Professor at MIT
KTH peer: Professor Harilaos Koutsopoulos, Transport and Economics

Molecular Biology and Evolution
Svante Pääbo, Professor at the Max-Planck-Institute for Evolutionary Anthropology, Leipzig
KTH peer: Professor Stefan Ståhl, Biotechnology

Humanistic Dimensions of Engineering
Rosalind Williams, Professor at MIT
KTH peer: Professor Arne Kaijser, History of Science and Technology

Industrial and Applied Mathematics
Margaret H. Wright, Professor at Courant Institute of Mathematical Sciences
KTH peer: Professor Anders Forsgren, Mathematics

ACADEMIC MINGLE
18.00
Sing-Sing, Lindstedtsvägen 30