Welcome to the KTH Energy Dialogue 2019! A meeting and networking place for the future energy system. KTH performs research for developing novel methods and techniques toward the future sustainable energy system. Overall targets are to contribute to the sustainable development climate goals by the United Nations.
11:00 - 13:00 Poster session
exhibition and networking lunch

13:00 Welcome
Welcome - Lina Bertling Tjernberg, Director of the KTH Energy Platform
Opening remark - Sigbritt Karlsson, President of KTH
Key note - Robert Andrén, General Director for the Swedish Energy Agency
"Sweden's strategy for a 100% renewable energy system"

Key note - Magnus Hall, CEO Vattenfall
"Vattenfall’s strategy for sustainability"

Handing out of the Vattenfall Award for the best master thesis within area of energy

Ramon Wyss - Professor emeritus
Olga Kordas - Program Director for Viable Cities
Mark Howells - Professor in Energy System Analysis and expert for the United Nations
Rajeev Thottappilll - Professor in Electric Power Engineering and Director of the Swedish Center for Smart Grids and Energy Storage (SweGRIDS)

14:20-15:00 Panel New technologies for a secure and sustainable energy system
Lina Bertling Tjernberg - Professor in Power Grid Technologies "Power grid technologies with energy storage and electrical vehicles"

Pontus Johnson - Professor in Network and systems engineering "Cyber-attacks on critical infrastructure"

Rakel Wrelund Lindström - Associated Professor in applied electrochemistry "The use of fuel cells and batteries"

Ilya Sytjugov - Professor in Applied Physics "Luminescent solar concentrators as semi-transparent solar cells"

15:00-15:25 Coffee break and poster session

15:25-16:05 Panel Towards a sustainable energy system
Semida Silveria - Professor in Energy Systems Planning Energy and Climate Studies "Towards a sustainable urban mobility"

Lennart Söder - Professor in Electric Power Systems "The key role of wind power and new market perspectives"

Cecilia Katzeff - Associate professor in Human-Computer Interaction "User perspective on smart grids in households"

16:05-16:45 Panel Business aspects, recycling and use of waste for the energy sector
Mats Engvall - Professor in Industrial Economics "Technology developments and market models"

Janne Wallenius - Professor in Nuclear physics "How to make recycle of nuclear waste economic"

Cecilia Sundberg - Associate professor in Industrial Ecology "Life Cycle Assessment of Large scale Biochar production"

Christophe Duwig - Associate professor in mechanics "Waste heat and cheap energy"

16:45 -17.00 Closure
Summary reflections from the seminar and about coming events
Lina Bertling Tjernberg - Director of the Energy Platform
Christopher Duwig - Deputy Director of the Energy Platform

Handing out of the Best Student Poster Award
Marie Alpman, Charlie Gullström, Per Alvfors, Jury for the Best Poster Award

17.00-19.00 Networking and light buffet dinner