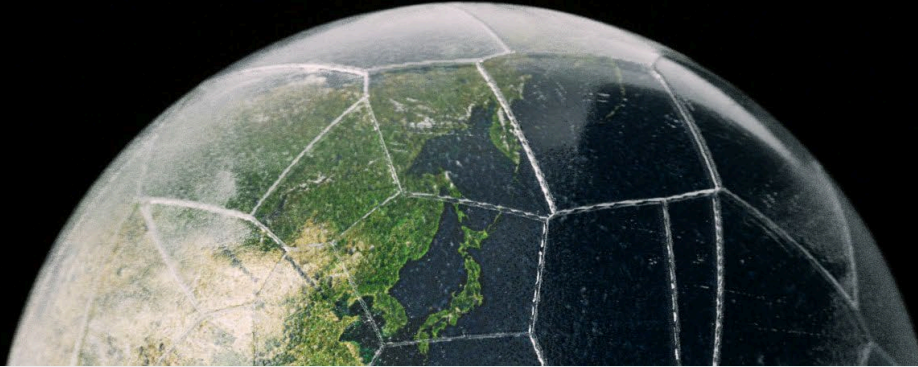


Green Deep Tech Masterclass

Aarhus University, Spring 2023



Purpose

01

Give academically grounded insights in the biggest deep tech trends within the green transition

02

Demonstrate the potential of bringing science-based green solutions to market

03

Understand the mind-set of academic entrepreneurs and the ecosystem they are part of

★ All the lecturers are professors or experts validated by AU.

LOOK UP VENTURES

 AARHUS
UNIVERSITY

 OPEN
ENTREPRENEURSHIP

KITCHEN

Green Deep Tech Masterclass

Program



Day 1



Monday 6 February

Richard Mortensenstuen

Fredrik Nielsens Vej 2, 8000 Aarhus C
Building 1422, Aarhus University



08.30 **Coffee and croissants**

09.00 **Introduction to the masterclass**

Speakers: Tommy Ahlers, Climate Tech Investor, LUV
Lone Ryg Olsen, Director of Enterprise and Innovation, AU

09.30 **The Future of Green Tech**

Alfred Spormann, Managing Director,
The Novo Nordisk Foundation CO2 Research Center, AU

10.30 **Coffee break**

10.45 **Nuclear Power**

Hans Otto Uldall Fynbo, Professor,
Department of Physics and Astronomy, AU

11.45 **Sustainable Batteries**

Dorthe Ravnsbæk,
Professor at Department of Chemistry, AU

12.45 **Lunch**

13.45 **Geothermal Energy and Carbon Capture**

Ole Rønø Clausen, Associate Professor,
Department of Geoscience, AU

14.45 **Quantum Technology within the green transition**

Nikolaj Thomas Zinner, Professor,
Department of Physics and Astronomy, AU

15.45 **Coffee break**

16.00 **Applied Smart Energy Systems**

Gorm Bruun Andresen, Associate Professor,
Department of Mechanical and Production Engineering, AU

17.00 **Closing remarks**

18.00 **Dinner at The Kitchen, Universitetsbyen 14, AU**

Day 2



Thursday 27 April

AIAS,



Høegh-Guldbergs Gade 6B, 8000 Aarhus C
Building 1632, Aarhus University

08.30 **Coffee and croissants**

09.00 **Biodiversity**

Toke Thomas Høye, Professor, Department of Ecoscience
- Biodiversity and Conservation, AU

10.00 **Seaweed**

- The unknown Swiss knife for supporting the green transition
Annette Bruhn, Senior Researcher,
Department of Ecoscience, AU

11.00 **Coffee break**

11.15 **Cultured Meat**

- Opportunities for ingredients supply and product diversity
Jette Feveile Young, Associate Professor,
Department of Food Science, AU

12.15 **Lunch**

13.15 **Sustainable Buildings**

- The role of buildings in the green transition
Steffen Petersen, Professor,
Department of Architectural and Civil Engineering, AU

14.15 **The hidden potential of grass**

Uffe Jørgensen, Professor,
Department of Agroecology, AU

15.15 **Coffee break**

15.30 **Case Study**

17.00 **Closing remarks**