

**Inaugural
lectures**

**Professor Mogens Nicolaisen &
Professor Mogens S. Hovmøller**

Time

3 May 2019 at 13:30

Place

AU Flakkebjerg, Auditorium

13:30 - 13:35

Welcome by Head of department Erik Steen Kristensen

13:35 - 14:05

Plants, pathogens and microbiomes
by Professor Mogens Nicolaisen

The use of agrochemicals for optimization of crop yields is not a sustainable strategy as numerous negative effects on environment and human health have been reported. With an increasing human population, innovative, sustainable but yet highly productive methods for plant production are urgent. Unlocking the potential of the highly diverse soil microbiome is a promising strategy for enhancing nutrient uptake and disease resilience in crops.

The lecture will present examples of our studies of plant-associated microbiomes and their effects on crops.
For further information please see [here](#).

14:10 - 14:40

The Impact of Plant Disease on Global Food Security
by Professor Mogens S. Hovmøller

A vast number of plant pathogens cause diseases in major agricultural food crops. Their effects range from mild symptoms to catastrophes where large areas are severely affected or destroyed. The most spectacular outbreaks of plant disease often occurs when new 'exotic' strains are spreading to geographical areas, where a disease was previously infrequent or absent. The lecture will present cases of recent emergence of new wheat rust strains and populations at different continents, and international efforts to mitigate the effects of such events.
For further information please see [here](#).

14:45

Reception

Registration

No later than 26 April 2019.
For registration please use this link:
<https://events.au.dk/Inaugural-Lecture/>

