



**University of Twente, Enschede  
Friday, 17 April 2020**

**Evening Program: Climate forecasts - limits to predictability**

Speakers:

- Peter Bauer (European Centre for Medium-Range Weather Forecasts, Reading UK)
- Ad Lagendijk (UvA & UT)
- Albert van den Berg (UT, MESA+)

Moderator:

- Peter Timmerman (Studium Generale, UT)

**Abstract:**

Climate forecasts - limits to predictability

Our climate is changing. In order to predict what's going to happen with temperature and precipitation in the long term accurate climate models are crucial.

Peter Bauer (deputy Director of the European Centre for Medium-Range Weather Forecasts) explains how climate models can be made more reliable.

Ad Lagendijk (physicist at UvA & UT) reflects on tensions between accuracy and costs.

Albert van den Berg (director of MESA+ institute for nanotechnology) will discuss algae-on-a-chip to study the oceanic carbon cycle for CO<sub>2</sub>-capture. What will be the effect of climate engineering?

With panel discussion! In cooperation with Studium Generale.

Location: Technohal (<https://www.utwente.nl/en/ltsh/technohal/>)

Time: 19h00-20h30.

The evening program is free accessible, also for people who didn't register for FYSICA 2020.