

# Kvanteteknologien og geopolitikken

**Rebecca Adler-Nissen**  
**Professor, Institut for Statskundskab**

KØBENHAVNS UNIVERSITET







# OPENHEIMER- ØJEBLIKKET?



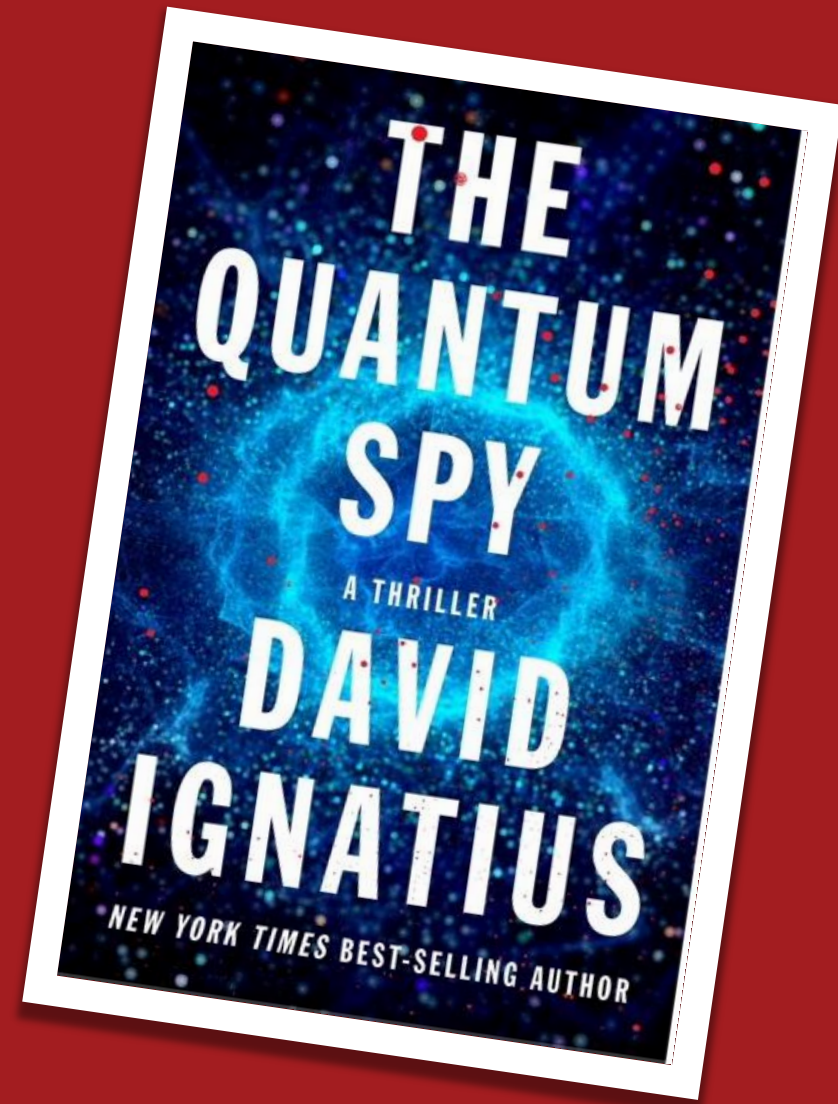
# Sikkerhedsdilemmaet

Den situation, hvor to eller flere stater bliver trukket ind i konflikter og muligvis krig på grund af sikkerhedsbekymringer, selvom ingen af de involverede parter ønsker konflikten



# Hvordan påvirker kvanteteknologi international politik?

Kapløbet om "quantum supremacy"



# Hvordan påvirker kvanteteknologi international politik?

## Internationalt samarbejde og fælles standarder



The **U.S.-EU Trade and Technology Council** agreed in December 2022 to:

- Establish an expert task force on **quantum information science and technology** to reduce barriers to research collaboration, and engage on standards, intellectual property, and export control-related issues.
- Increase standards cooperation on additive manufacturing, recycling of plastics, and digital identity, and launch new workstreams on **post-quantum encryption** and **international cybersecurity standards**.



# nature

EDITORIAL | 26 May 2021

## **Protect precious scientific collaboration from geopolitics**

**Rivalry between China and other countries could diminish global scientific collaboration – just when it is most needed.**

# Hvordan påvirker kvanteteknologi international politik?

## Troen på den åbne grundforskning



“One of my students has just started learning Chinese”

Anton Zeilinger, President of the Austrian Academy of Sciences

“We were only the follower and the learner at the birth of modern information science.. Now we have a chance ... to be a leader”

Jian-Wei Pan, University of Science and Technology of China

//

It seems to me Bohr ought to be confined or at any rate made to see that he is very near the edge of mortal crimes

Winston Churchill