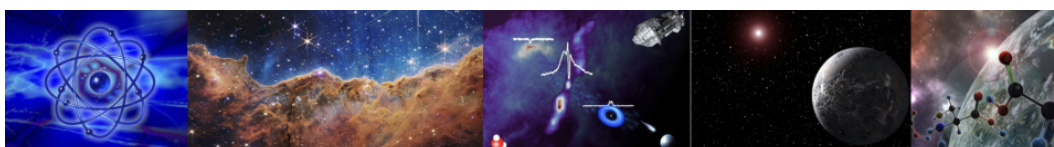


## **Session Program**

**10-12 Oct 2022**



## **Niels Bohr Gold Medal Symposium in Astrochemistry**

***How is the heritage from Niels Bohr reflected  
in modern day Astrochemistry?***

Det Kongelige Danske Videnskabernes Selskab (The Royal Danish Academy of Sciences and Letters)

# Monday 10 October

10:00

## How is the heritage from Niels Bohr reflected in modern day Astrochemistry?

**Session** |

**Location:** Det Kongelige Danske Videnskabernes Selskab (The Royal Danish Academy of Sciences and Letters)

10:00–10:30

### Welcome and Introduction

**Speakers**

Jes Kristian Jørgensen, Liv Hornekær

10:30–11:00

### The legacy of Niels Bohr in astrochemistry: how the correspondence principle leads from the largest atoms to the smallest molecules in space

**Speaker**

John Black

11:00–11:30

### Radiative transfer challenges and molecular data needs for studies of star and planet formation

**Speaker**

Floris van der Tak

11:30–12:00

### The ExoMol project: molecular line lists for exoplanets and other hot atmospheres

**Speaker**

Jonathan Tennyson

12:00

13:00

## How is the heritage from Niels Bohr reflected in modern day Astrochemistry?

**Session** |

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13:00–13:30

### Energy Dissipation in Interstellar ices

**Speaker**

Herma Cuppen

13:30–13:50

### Molecular excitation in star forming regions

**Speaker**

Agata Karska

13:50–14:10

### Photoionization and photodissociation in space: from the ISM to exoplanetary atmospheres

**Speaker**

Helgi Hroðmarsson

14:10–14:40

### AGB outflows as testbeds for dust-gas chemistry

**Speaker**

Marie van de Sande

14:40