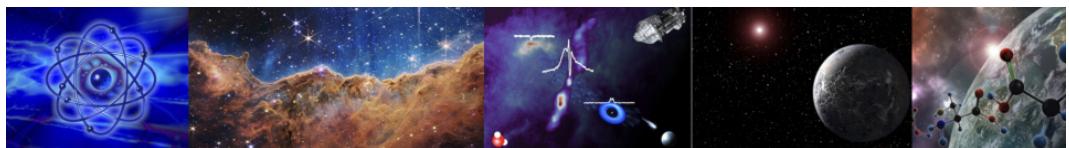


Session Program

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

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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 Hrodmarsson

14:10-14:40 **AGB outflows as testbeds for dust-gas chemistry****Speaker**

Marie van de Sande

14:40