



# Niels Bohr Gold Medal Symposium in Astrochemistry

## Monday, 10 October 2022

### How is the heritage from Niels Bohr reflected in modern day Astrochemistry? (10:00 - 12:00)

time	[id] title	presenter
10:00	[1] Welcome and Introduction	JØRGENSEN, Jes Kristian HORNEKÆR, Liv
10:30	[2] The legacy of Niels Bohr in astrochemistry: how the correspondence principle leads from the largest atoms to the smallest molecules in space	BLACK, John
11:00	[3] Radiative transfer challenges and molecular data needs for studies of star and planet formation	VAN DER TAK, Floris
11:30	[4] The ExoMol project: molecular line lists for exoplanets and other hot atmospheres	TENNYSON, Jonathan

### How is the heritage from Niels Bohr reflected in modern day Astrochemistry? (13:00 - 14:40)

time	[id] title	presenter
13:00	[5] Energy Dissipation in Interstellar ices	CUPPEN, Herma
13:30	[6] Molecular excitation in star forming regions	KARSKA, Agata
13:50	[7] Photoionization and photodissociation in space: from the ISM to exoplanetary atmospheres	HRODMARSSON, Helgi
14:10	[8] AGB outflows as testbeds for dust-gas chemistry	VAN DE SANDE, Marie