

## **Session Program**

**30 September 2019 to 4 October 2019**

# **Ramses User Meeting 2019**

## ***Galaxy Clusters***

Niels Bohr Institute

Conference Mon-Wed: Auditorium A Blegdamsvej 17 Hackathon Thu-Fri: "Skolestuen" (on 1st floor)  
Geological Museum, Oster Voldgade 7

# Monday 30 September

13:40

## Galaxy Clusters

**Session** |

**Location:** Niels Bohr Institute, Conference Mon-Wed: Auditorium A Blegdamsvej 17 Hackathon Thu-Fri: "Skolestuen" (on 1st floor) Geological Museum, Oster Voldgade 7

13:40–14:00

### A hydrodynamical simulation of the Virgo cluster of galaxies

**Speaker**

Jenny Sorce

14:00–14:20

### Hierarchical fragmentation in high redshift galaxies revealed by hydrodynamical simulations

**Speaker**

Mr Baptiste Faure

14:20–14:40

### Cold gas formation in galaxy clusters

**Speaker**

Dr Beckmann Ricarda

14:40

15:10

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15:10–15:30

### Measuring the dark matter velocity anisotropy to the cluster edge

**Speaker**

Mr Jacob Svensmark

15:30–15:50

### The Properties and Evolution of High Redshift Filaments

**Speaker**

Mr Marius Ramsoy

15:50–16:10

### The star-gas misalignment from Horizon-AGN

**Speaker**

Mr Donghyeon Khim

16:10