Session Program

30 September 2019 to 4 October 2019

Ramses User Meeting 2019

Star Formation

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

Wednesday 2 October

09:20

Star Formation

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

09:20–09:40 **Star by star simulations in RAMSES**

Speaker
Mr Eric Andersson

09:40–10:00
Rambody: Coupling RAMSES and Nbody6 to simulate collisional systems in galactic environments

Speaker
Dr Maxime Delorme

10:00–10:20 **The loss of the intra-cluster medium in old stellar clusters**

Speaker
Dr William Chantereau

10:20

10:50

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10:50–11:10
Ramses with cosmic rays : anisotropic diffusion, streaming instability and shock-acceleration

Speaker
Dr Yohan Dubois

11:10–11:30 **Impact of radiation-modulated cooling on stellar feedback**

Speaker
Prof. Taysun Kimm

11:30–11:50
Regulation of star formation by stellar feedback from individual massive stars

Speaker
Dr Rebekka Bieri

11:50–12:00 **Formation of star clusters by cloud-cloud collision**

Speaker
Mr Daniel Han

12:00

13:40

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13:40–14:00

Explaining the luminosity spread in young clusters: proto and pre-main sequence stellar evolution in a molecular cloud environment

Speaker

Mr Sigurd Jensen

14:00–14:20

The peak of the IMF explained by tidal forces

Speaker

Ms Tine Colman

14:20