

Session Program

28 August 2017 to 1 September 2017

NBIA Summer School on Astrophysical Plasmas - From Planets to Galaxies

Lectures

Monday 28 August

09:00

Lectures

Session | **Location:** Auditorum A

09:00–09:10

Welcome

Location

Auditorium A

09:10–10:40

Foundations of Fluid Dynamics

Speaker

Romain Teyssier

Location

Auditorium A

10:40–11:10

Coffee Break

11:10–12:40

Magnetohydrodynamics

Speaker

Turlough Downes

Location

Auditorium A

12:40

Tuesday 29 August

09:00

Lectures: Lectures

Session | **Location:** Auditorium A**09:00–10:30** **Waves, Shocks and Instabilities****Speaker**

Dr Martin Pessah

Location

Auditorium A

10:30–11:00 **Coffee Break****11:00–12:30** **Interstellar Medium****Speaker**

Dr Oliver Gressel

Location

Auditorium A

12:30

Wednesday 30 August

09:00

Lectures: Lectures

Session | Location: Auditorium A

09:00–10:30

Accretion Disks

Speaker

Turlough Downes

Location

Auditorium A

10:30–11:00

Coffee Break

11:00–12:30

Protoplanetary disks and Dust Dynamics

Speaker

Dr Anders Johansen

Location

Auditorium A

12:30

Thursday 31 August

09:00

Lectures: Lectures

Session | **Location:** Auditorium A

09:00–10:30

Collisionless Selfgravitating Systems

Speaker

Prof. Steen Hansen

Location

Auditorium A

10:30–11:00

Coffee Break

11:00–12:30

Galaxy Evolution & Feedback

Speaker

Romain Teyssier

Location

Auditorium A

12:30

Friday 1 September

09:00

Lectures: Lectures

Session | **Location:** Auditorium A

09:00–09:25 Reconnection in the Solar Corona

Speaker

Dr Klaus Galsgaard

Location

Auditorium A

09:25–09:50 Early Stages of Star Formation

Speaker

Dr Neil Vaytet

Location

Auditorium A

09:50–10:15 Planet-disk interactions with FARGO3D

Speaker

Dr Pablo Benitez Llambay

Location

Auditorium A

10:15–10:45 Coffee Break

10:45–11:10 Star Formation in Molecular Clouds

Speaker

Troels Haugbølle

Location

Auditorium A

11:10–11:35 The role of fountain flows for the Galactic Dynamo

Speaker

Dr Oliver Gressel

Location

Auditorium A

11:35–12:00 Physical and Chemical Evolution of Protostars

Speaker

Dr Jes Kristian Jørgensen

Location

Auditorium A

12:00