

## **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**

Auditorum A

09:10-10:40 **Foundations of Fluid Dynamics**

**Speaker**

Romain Teyssier

**Location**

Auditorum A

10:40-11:10 **Coffee Break**

11:10-12:40 **Magnetohydrodynamics**

**Speaker**

Turlough Downes

**Location**

Auditorum 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