

## **Session Program**

**11-14 Aug 2014**

# **3rd ICM Theory and Computation Workshop**

***Wednesday afternoon***

Niels Bohr Institute, Auditorium A  
Blegdamsvej 17 Copenhagen

## Wednesday 13 August

14:00

### Wednesday afternoon

**Session** | **Location:** Niels Bohr Institute, Auditorium A, Blegdamsvej 17 Copenhagen | **Convener:** Dr Paul Nulsen

14:00-14:25

#### Damped and Driven Waves in Galaxy Clusters

**Speaker**

Prof. Ellen Zweibel

14:25-14:50

#### Shock Waves in Galaxy Clusters

**Speaker**

Prof. Marcus Bruggen

14:50-15:15

#### Spectral Composition of Cosmic Rays in Galaxy Clusters

**Speaker**

Samuel Skillman

15:15-16:00

#### Coffee break

16:00-16:25

#### Kinetic simulations of cosmic ray acceleration at shocks

**Speaker**

Dr Damiano Caprioli

16:25-17:05

#### Discussion

17:05