

## **Session Program**

**27-29 May 2020**

# **Workshop on Spatial Organisation of Convection, Clouds and Precipitation**

## ***Criticality and Symmetry Breaking***

Niels Bohr Institute, Copenhagen University, Auditorium A  
Blegdamsvej 17 2100 Copenhagen Denmark

# Wednesday 27 May

09:10

## Criticality and Symmetry Breaking: Introduction

**Session** |

**Location:** Niels Bohr Institute, Copenhagen University, Auditorium A, Blegdamsvej 17 2100 Copenhagen Denmark

**Convener:** Steven Boeing

09:10–09:40

### Scale-free distributions in nature: an overview of self-organized criticality

**Speaker**

Ronald Dickman

09:40–10:10

### The Rainy-Bénard model: Convective organisation and equilibria in a simple framework.

**Speaker**

Douglas J Parker

10:10

10:40

## Criticality and Symmetry Breaking: Linking to Atmospheric Convection

**Session** |

**Location:** Niels Bohr Institute, Copenhagen University, Auditorium A, Blegdamsvej 17 2100 Copenhagen Denmark

**Convener:** Ronald Dickman

10:40–11:10

### How do ocean temperature anomalies favor or disfavor the aggregation of deep convective clouds?

**Speaker**

Caroline Muller

11:10–11:40

### Mesoscale Organisation of Shallow Cumulus Convection

**Speaker**

Pier Siebesma

11:40–12:00

### Cold Pools and the Organization of Tropical Convection in Global Cloud-System Resolving Simulations

**Speaker**

Steven Krueger

12:00