

**PARALLEL SESSION C: IMPACTS AND APPLICATIONS**  
**C1: REPRESENTING & PROJECTING EXTREMES**

**Assessing Climate Extremes across Scales – from Global to Regional Climate Modeling**

**Jana SILLMANN**

CICERO - Center for International Climate and Environmental Research – Oslo, Norway

“Understanding and Predicting Weather and Climate Extremes” is one of the Grand Challenges of the World Climate Research Programme (WCRP) focusing on advancing research on geophysical aspects of weather and climate extremes. Considerable effort was taken by Working Group 1 (WGI) in the 5th Assessment Report of the Intergovernmental Panel on Climate Change (IPCC AR5) to assess climate extremes in a consistent manner across chapters, from observations to model evaluation and near- to long-term projections of changes in climate extremes.