

Workshop on

**THE CARNIAN PLUVIAL EPISODE (LATE TRIASSIC):  
CLIMATE CHANGE AND EVOLUTIONARY INNOVATIONS**

Organised by

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The *Carnian Pluvial Episode* marks an important, but yet poorly understood, phase of global climate change that occurred in the early Late Triassic, a time of major biological turnovers. Many important taxa appeared for the first time during the Carnian, e.g. the first dinosaurs, the first abundant pelagic calcifiers, the first modern conifers. Abrupt environmental changes are observed in the geological record worldwide during this period. These phenomena were synchronous with a carbon-cycle perturbation and could be linked to Large Igneous Province volcanism.

Palaeoclimatologists, stratigraphers, geochemists, carbonate sedimentologists, palaeontologists and modellers are invited to discuss the *Carnian Pluvial Episode* and its effects on the environments and biota. The main aims of the workshop are to summarise our understanding of the *Carnian Pluvial Episode* and discuss future research directions.

Date: May 16 – 17, 2017

Venue: Hanse-Wissenschaftskolleg, Lehmkuhlenbusch 4, 27753 Delmenhorst