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Scientific Computing in Climate Science

Wednesday, August 31, 2016 11:20 AM (40 minutes)

The presentation will describe the state-of-the-art in composition-climate modelling of the atmosphere. Which equations do we use and how are they discretised? Which phenomenons can we describe and how and what can we learn about the atmosphere by characterising a models sensitivities? Issues of scalability and data access will be discussed, because comprehensive numerical experiments are required to tackle questions that are important for society, in particular global change.

Presenter: Prof. BRAESICKE, Peter (KIT)

Session Classification: Plenary Talks