



Summer Workshop on High-resolution Modeling & Visualization

17 July 2017, University of Cologne, Pohligstr 3, Hörsaal, 4th floor

- 9:00 Start of the meeting with Coffee
Welcome (Joachim Saur, Competence area 3)
- 9:15 Using Large Eddy Simulations (LES) - the LASSO experience
Andrew Vogelmann (Brookhaven National Laboratory)
- 10:00 Routine LES and Parametrization Testbed
Roel Neggers (University of Cologne, UoC)

Coffee break

- 11:00 How can measurements constrain models?
Pavlos Kollias (Stony Brook University & UoC)
- 11:30 Visualization Approaches?
Michael Böttinger (German Climate Computing Center)

Lunch provided

13:00 *six to eight short presentations of ongoing activities*

Discussion rounds

14:00 Which degree of realism in LES is necessary?

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Coffee break

15:00 How can visualization drive model improvement?

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16:00 What is the future in combining observations and measurements?

Wrap-up