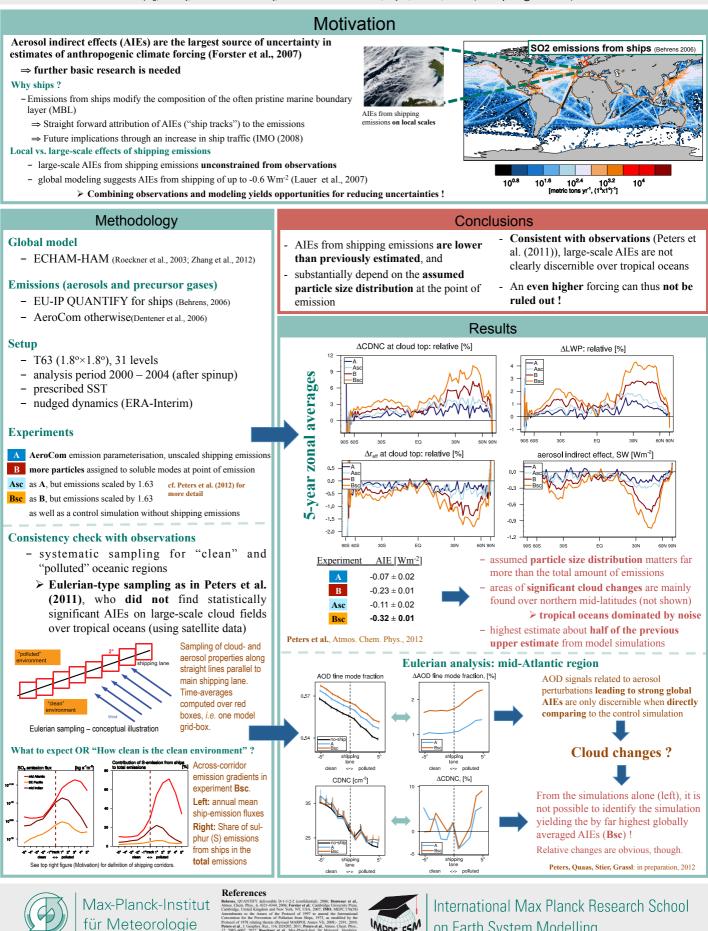
Modelling aerosol indirect effects from shipping emissions with ECHAM-HAM

Karsten Peters^{1,2,*}, Philip Stier³, Johannes Quaas⁴, Hartmut Grassl¹

¹Max-Planck-Institut für Meteorologie, Hamburg, ²International Max Planck Research School on Earth System Modelling, Hamburg, ³University of Oxford, Department of Physics, Oxford, OX1 3PU, Great Britain, ⁴Universität Leipzig, Leipzig, Germany, *now at: Monash University, School of Mathematical Sciences, Clayton, VIC 3800, Australia (karsten.peters@monash.edu)



on Earth System Modelling

MPRS-ESM