

- Five PDEF Challenge Topics:
 1. Stochastic representation of the effect unresolved processes in models and model error (Judith Berner, Mark Rodwell)
“Atmospheric dynamics and predictability”, “Chemistry and climate”, “Long-term records for climate understanding”
 2. Construction of ensemble initial conditions (Craig Bishop, Mio Matsueda)
“Atmospheric dynamics and predictability”
 3. Role of diabatic processes in weather system dynamics & predictability (John Methven, Olivia Romppainen-Martius)
“Atmospheric dynamics and predictability”, “Chemistry and climate”, “Long-term records for climate understanding”
 4. Spatio-temporal post-processing for ensemble applications (Munehiko Yamaguchi, Laure Raynaud)
“Atmospheric dynamics and predictability”
 5. Coupled modelling & assimilation (Oscar Alves, Zhiyong Meng)
“Atmospheric dynamics and predictability”
(New user-oriented metrics for ensemble verification)