

Program version 22/4: CriticalEarth meeting April 25-29 Utrecht
Location: Hotel Erica, Berg en Dal, Netherlands
<https://www.hotelERICA.nl/en/>

Sunday 24/5

Arrival, diner on your own

Part I: Machine Learning and the Physics of Climate

Monday 25/4

8:45 Opening

9:00-10:00 Machine Learning (ML) for Weather and Climate Prediction: Hannah Christensen, online

10:00-10:30 Break

10:30-12:00 Basics ML: Henk Dijkstra

Lunch

14:00-15:30 Basics ML: Henk Dijkstra

Break

16:00-18:00 Start ESR working on projects

19:00 Diner

Tuesday 26/4

9:00-10:00 Specific application of ML to Climate: Maurice Schmeits, online

Break

10:30-12:00 Basics ML: Henk Dijkstra

Lunch

14:00-16:30 ESRs working on projects

Break

17:00-18:00 Afternoon lecture: Daan Crommelin

19:00 Diner

Wednesday 27/4

9:00-10:00 Specific application of ML to climate: Markus Abel, online

Break

10:30-11:30 ESRs working on projects

11:30-13:00 Group presentations

Lunch

Afternoon: free (it is Kingsday in the Netherlands, so a lot to explore)

19:00 Diner (included)

Part II: Extreme Events in Weather and Climate

Thursday 28/4

9:00-10:00 Overview rare events in weather and climate: Valerio Lucarini, online

Break

10:30-12:00 Basics rare event algorithms: Freddy Bouchet

Lunch

14:00-15:00 Specialist talk: Jonathan Weare , online

15:00-16:00 Specialist talk: Francesco Ragone

Break

16:30-17:30 Specialist talk: Erik van den Eijnden

19:00 Diner

Friday 29/4

9:00-10:00 Specialist talk: Eric Simonnet

Break

10:30-11:30 Specialist talk: Tobias Grafke

11:30-12:30 Specialist talk: Corentin Hebert

13:00 End of Meeting

Lunch (included)