	Monday, 27.05	Tuesday, 28.05	Wednesday, 29.05	Thursday, 30.05	
09:00-09:15		Hongmei Li: "Extending Climate Predictions to Earth	Sebastian Brune: "Climate reconstruction and climate predictions in the North Atlantic with MPI-ESM"		
09:15-09:30		System Perspectives on the Carbon Cycle" (keynote)	Stefano Materia: "Data-driven seasonal forecast of heat waves in Western Europe"	Meetings for moderators and note-takers to prepare wrap-up session	
09:30-09:45		Yong-Yub Kim: Ocean circulation constrains multi-year predictability of marine biogechemical system - online	Steve Yeager: "Recent Developments in Climate Prediction	Parallel I4C WP meetings - tbc	
09:45-10:00		Roberto Bilbao: Impact of volcanic eruptions on CMIP6 decadal predictions in the North Atlantic.	using High-Resolution Models" (keynote) -online		
10:00-10:15			Akhilesh Nair: "Improving subseasonal forecast skill in the Norwegian Climate Prediction Model using soil moisture data assimilation"		
10:15-10:30			Wieslaw Maslowski: "Advancing Arctic Climate Prediction Capability at Subseasonal to Decadal Timescales"		
10:30-10:45					
10:45-11:00		Parallel break-out sessions : pitches followed by targeted	BREAK		
11:00-11:15		discussion.	Markus Donat : "Improving the forecast quality of near-term climate projections by constraining internal variability based	Plenary presentation of discussion sessions wrap-ups	
11:15-11:30		Topics and pitch distribution on separate page of programme. Take break when convenient (max. 30min). On decadal predictions and observations." Rémy Bonnet: "Constraining near to mid-term climate projections by combining observations with decadal predictions." Fric Kolstad: "A case for transcending disciplines and			
11:30-11:45			predictions" Eric Kolstad: "A case for transcending disciplines and		
11:45-12:00			sectors, based on experiences from Climate Futures and Africa" (keynote)		
12:00-12:15			Sam Pickard: "Tools for facilitating co-production with urban stakeholders: Communicating via a catalogue of (urban		
12:15-12:30			climate) services" Dragana Bojovic: "Reimaging the scale in climate service"		
12:30-12:45	LUNCH - START	LUNCH	LUNCH	LUNCH - END	
12:45-13:00					
13:00-13:15	Welcome and introduction to workshop				
13:15-13:30	Rong Zhang: "Understanding low-frequency AMOC				
13:30-13:45	variability and associated predictability over the Atlantic-Arctic region" (keynote) Virna Meccia: Extreme cold events in Europe under a reduced AMOC		Ole Wulff : "Co-producing streamflow forecasts useful for decision-making"		
13:45-14:00					
14:00-14:15	Quan Liu: The North Atlantic Oscillation gets more extreme under global warming	Christine Sgoff: "Weakly coupled data assimilation for climate predictions with ICON-Seamless"	Asun Lera St. Clair: "The next step for climate services"		
14:15-14:30	David Docquier : Identifying causes of Arctic sea-ice extent reduction in CMIP6 large ensembles using information transfer	Iuliia Polkova: "Initialization shock in the ocean circulation reduces skill in decadal predictions of the North Atlantic subpolar gyre"	Ingrid Vigna: "What is the role of seasonal and sub-seasonal forecasts in farmers' decision processes? A serious game langroach"		

	Monday, 27.05	Tuesday, 28.05	Wednesd	lay, 29.05	
14:30-14:45	Luca Famooss Paolini : Non-stationary NAO–Gulf Stream SST front interaction	Francine Schevenhoven : "Supermodeling: an ensemble of interacting models"	Eren Duzenli : "Preparing for extre climate predictions for understan Olympics"		
14:45-15:00		Yiguo Wang: "CoRea-20CR: coupled reanalysis of the climate from 1860 to the present"	Sebastiano Roncoroni: "Statistical downscaling of extremes in seasonal predictions - a case study on spring frosts for the viticultural sector"		
15:00-15:15	BREAK	BREAK	Soffa Fernández Álvarez: "OceansforFuture: Communicating with society the changes in ocean impacts on climate"		
15:15-15:30	DILAK	BREAK	BREAK		
15:30-15:45	Leon Hermanson: Why do recent decadal predictions show large errors in the North Atlantic? -online				
15:45-16:00	Helene R. Langehaug: Marine heatwaves: Can we predict them in the Barents Sea?		Parallel break-out sessions : Continued targeted discussion		
16:00-16:15	1	Parallel break-out sessions : continued targeted discussions and writing groups.			
16:15-16:30		Topics and pitch distribution on separate page of programme.	and writing groups. Topics distribution on separate page of programme.		
16:30-16:45	Claudia Simolo : Heat extremes in scenario projections: the role of variability				
16:45-17:00	Jakob Dörr: Forced and internal components of Arctic sea ice changes				
17:00-17:30					
17:30-18:00	TBC Social programme: Guided tour of Natural History Museum. Registration mandatory, see workshop webpages. Workshop Icebreaker (Christie, Naturhistorisk museum, Muséplassen 3)		Society, Business & Science Side-Event (Kulturhuset i Bergen, Vaskerelven 8)	TBC Social programme: Geophysical Institute and GALE brewery visit. Registration mandatory, see workshop webpages.	
18:00-18:30					
18:30-19:00					
19:00-19:30					
19:30-20:00		Workshop Dinner			
20:00+		(Søtt + Salt Lanternen, Marineholmen, Thormølensgate 51B)			

in-person			
online			
	Tuesday, 10:00-12:30	Tuesday, 15:45-17:00	Wednesday, 16:00-17:00
Topic:			
Part 1: Re	mote links and impacts of the North-Atlantic-Arctic region		
Part 2: Ro	e of forced versus internal variability in driving climate variations and extremes over the North Atlantic-Arctic Region		
- Arctic sea	ı-ice changes		
	eric and oceanic extremes ced vs internal, representation and impacts)		
	sea vs internal, representation and impacts)	Moderators (Bergen): coming soon	Moderators (Bergen): coming soon
	s (Det get); Conting soon st (Bergen); coming soon	Rapporteurs (Bergen): coming soon	Rapporteurs (Bergen): coming soon
	s (Online): coming soon	Moderators (Online): coming soon	Moderators (Online): coming soon
_	rs (Online): coming soon	Rapporteurs (Online): coming soon	Rapporteurs (Online): coming soon
	5: set-up zoom, find room and sit down, welcome and introducing session (topic, goals, house-keeping rules)		
	15: 14 pitches (5 min per pitch + 10min total for switching)		
	tional impacts of the North Atlantic SST anomaly on the Asian winter climate, Yu (online)		
	t of northern tropical Atlantic SST on Northeast China spring precipitation and the prediction biases of such impact in the dynamic model, Zhang (online)		
	tic Niño as predictor for California Upwelling Ecosystem, Rodriguez-Fonseca		
	tant changes in the ENSO teleconnection to the North Atlantic-European sector in the last decades and its implications on temperature predictability, Fernández-I		
	beyond the traditional pacemaker experiment approach to evaluate the role of the Atlantic in the global climate variability during the historical era, Ruprich-Robe cterizing Atlantic interhemispheric teleconnection established by South American monsoon in austral summer, Tseng		
	of Barents-kara sea ice interannual variability modulated by the Atlantic pathway of ENSO, Luo	Brief summary of previous discussion.	Brief summary of previous discussion.
	of Barents-Kara sea ice interantion variability modulated by the Adantic pathway of ENSO, but		
	tt of AMV on rainfall intensity distribution and timing of the West African Monsoon in DCPP-C-like simulations, Mohino (online)	Writing session in smaller groups to synthesize.	Writing session in smaller groups to synthe
	tal predictions outperform projections in forecasting winter precipitation over the Mediterranean region, Nicoli (online)		
	spheric patterns over the North Atlantic and their links to European precipitation in CMIP6 climate models, Outten		
Part 2:	pricing patients of the distribution of the first of the patients of the company		
_	npact of sea ice thickness biases on the projected sea ice declining speed: insights from CMIP6 ensemble experiments, Tian (online)		
	ation of internal and forced variability using a U-Net, Gastineau		
	e loss drove rapid Arctic warming in the early 20th century, Li		
	10: moderated discussion and note-taking		
	Tuesday, 10:00-12:30	Tuesday, 15:45-17:00	Wednesday, 16:00-17:00
Topic:			
	nosphere-Ocean interaction sms underlying predictability		
	reanic and atmospheric resolution		
	he benefit of increasing or using high model resolution on climate predictions?		
Part 2:			
- What is t			
- What is t - How to b - Is downs	alance model resolution and ensemble size? caling beneficial?		
- What is t - How to b - Is downs	alance model resolution and ensemble size?		
- What is t - How to b - Is downs - How to e	alance model resolution and ensemble size? caling beneficial? xtend the prediction skill beyond 10 years (decadal timescale), initialisation/blending,?		
- What is t - How to b - Is downs - How to e	alance model resolution and ensemble size? caling beneficial?		
- What is t - How to b - Is downs - How to e Part 3: Bio - Mechani - Can we ii	alance model resolution and ensemble size? caling beneficial? xtend the prediction skill beyond 10 years (decadal timescale), initialisation/blending,? geochemical and ecosystem predictions (CO2 fluxes/phytoplankton) sms of biogeochemical predictability nprove the predictive skill?		
- What is t - How to b - Is downs - How to e Part 3: Bio - Mechani - Can we ii + Role of	alance model resolution and ensemble size? caling beneficial? xtend the prediction skill beyond 10 years (decadal timescale), initialisation/blending,? geochemical and ecosystem predictions (CO2 fluxes/phytoplankton) sms of biogeochemical predictability prove the predictive skill? high resolution for BGC prediction		
- What is t - How to b - Is downs - How to e Part 3: Bic - Mechani - Can we it + Role of + Improve	alance model resolution and ensemble size? caling beneficial? xtend the prediction skill beyond 10 years (decadal timescale), initialisation/blending,? geochemical and ecosystem predictions (CO2 fluxes/phytoplankton) sms of biogeochemical predictability prove the predictive skill? ligh resolution for BGC prediction d BGC models/parameterizations		
- What is t - How to b - Is downs - How to e Part 3: Bic - Mechani - Can we ii + Role of - Improve - Why is th	alance model resolution and ensemble size? caling beneficial? xtend the prediction skill beyond 10 years (decadal timescale), initialisation/blending,? geochemical and ecosystem predictions (CO2 fluxes/phytoplankton) sms of biogeochemical predictability prove the predictive skill? high resolution for BGC prediction		
- What is t - How to b - Is downs - How to e Part 3: Bio - Mechani - Can we ii + Role of i + Improve - Why is th - Link to cl + marine	alance model resolution and ensemble size? Laling beneficial? geochemical and ecosystem predictions (CO2 fluxes/phytoplankton) In sof biogeochemical predictability In prove the predictive skill? In geochemical predictability In geochemical predictability In geochemical predictability In geochemical prediction (CO2 fluxes/phytoplankton) In geochemical prediction and the prediction of BGC models/parameterizations In geochemical prediction In geochemical prediction of BGC prediction In geochemical prediction of BGC models/parameterizations In geochemical prediction of BGC models/parameterization of BGC mode		
- What is t - How to b - Is downs - How to e Part 3: Bio - Mechani - Can we it + Role of I + Improve - Why is th - Link to cl + marine + carbon I	alance model resolution and ensemble size? caling beneficial? ktend the prediction skill beyond 10 years (decadal timescale), initialisation/blending,? geochemical and ecosystem predictions (CO2 fluxes/phytoplankton) sms of biogeochemical predictability nprove the predictive skill? nigh resolution for BGC prediction d BGC models/parameterizations ere more skill when comparing CPMs to assimilation runs than to observational data (satellite chlorophyll)? mate services cooxystem prediction oudget / emission mitigation		
- What is t - How to b - Is downs - How to e Part 3: Bic - Mechani - Can we in + Role of + Improve - Why is th - Link to ol + marine + carbon I Moderato	alance model resolution and ensemble size? alaing beneficial? xtend the prediction skill beyond 10 years (decadal timescale), initialisation/blending,? geochemical and ecosystem predictions (CO2 fluxes/phytoplankton) sms of biogeochemical predictability mprove the predictive skill? nigh resolution for BGC prediction d BGC models/parameterizations ere more skill when comparing CPMs to assimilation runs than to observational data (satellite chlorophyll)? mate services ecosystem prediction uduget / emission mitigation s (Bergen): coming soon	Moderators (Bergen): coming soon	Moderators (Bergen): coming soon
- What is t - How to b - Is downs - How to e Part 3: Bic - Mechani - Can we in + Role of + Improve - Why is tt - Link to cl + marine + carbon I Moderato Rapporteu	alance model resolution and ensemble size? caling beneficial? xtend the prediction skill beyond 10 years (decadal timescale), initialisation/blending,? geochemical and ecosystem predictions (CO2 fluxes/phytoplankton) sms of biogeochemical predictability morove the predictive skill? nigh resolution for BGC prediction d BGC models/parameterizations ere more skill when comparing CPMs to assimilation runs than to observational data (satellite chlorophyll)? mate services ecosystem prediction uduget / emission mitigation ss (Bergen): coming soon rs (Bergen): coming soon	Rapporteurs (Bergen): coming soon	Rapporteurs (Bergen): coming soon
- What is t - How to b - Is downs - How to e Part 3: Bic - Mechani - Can we ii + Role of il + Improve - Why is tt - Link to cl + marine + carbon l Moderato Rapporteu Moderato	alance model resolution and ensemble size? alaing beneficial? xtend the prediction skill beyond 10 years (decadal timescale), initialisation/blending,? geochemical and ecosystem predictions (CO2 fluxes/phytoplankton) sms of biogeochemical predictability mprove the predictive skill? nigh resolution for BGC prediction d BGC models/parameterizations ere more skill when comparing CPMs to assimilation runs than to observational data (satellite chlorophyll)? mate services ecosystem prediction uduget / emission mitigation s (Bergen): coming soon		
- What is t - How to b - Is downs - How to e - Mechani - Can we ii + Role of il - Improve - Why is tt - Link to cl + marine + carbon I Moderato Rapporteu Moderato Rapporteu	alance model resolution and ensemble size? aling beneficial? ktend the prediction skill beyond 10 years (decadal timescale), initialisation/blending,? geochemical and ecosystem predictions (CO2 fluxes/phytoplankton) sms of biogeochemical predictability inprove the predictive skill? ingh resolution for BGC prediction d BGC models/parameterizations ere more skill when comparing CPMs to assimilation runs than to observational data (satellite chlorophyll)? mate services ecosystem prediction oudget / emission mitigation s (Bergen): coming soon s (Bergen): coming soon s (Bergen): coming soon	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon
- What is t - How to b - Is downs - How to e - Mechani - Can we ii + Role of il + Improve - Why is th - Link to cl + marine + carbon l Moderato Rapporteu Moderato Rapporteu 10:00-10::	alance model resolution and ensemble size? aling beneficial? ktend the prediction skill beyond 10 years (decadal timescale), initialisation/blending,? geochemical and ecosystem predictions (CO2 fluxes/phytoplankton) sms of biogeochemical predictability inprove the predictive skill? ingh resolution for BGC prediction d BGC models/parameterizations ere more skill when comparing CPMs to assimilation runs than to observational data (satellite chlorophyll)? mate services acosystem prediction uudget / emission mitigation is (Bergen): coming soon is (Gergen): coming soon is (Online): coming soon is (Online): coming soon	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon

n 2 ctd.	Tuesday, 10:00-12:30	Tuesday, 15:45-17:00	Wednesday, 16:00-17:00		
	#38, The relationship between SST gradients and ocean heat content along the Gulf Stream and the 250mb Jet Stream, Hallam				
	#68, Causal Oceanic Feedbacks onto the Winter NAO, Kolstad				
	#79, Comparing Northern Hemisphere Polar Vortex Dynamics in Climate Change and Weak Vortex Events: Implications for Tropospheric Climate and Seasonal Prediction, On	п			
	#82, The subpolar gyre induces predictability to the NE Atlantic, Hátún (online)				
	#17, Understanding the predictability of the winter North Atlantic Oscillation using dynamical seasonal forecast models and machine learning techniques, Baker				
	Part 2:	Brief summary of previous discussion. Writing session in smaller groups to synthesize.	Brief summary of previous discussion. Writing session in smaller groups to synthesize.		
	#26, High resolution global climate simulations with locally refined ocean mesh, Semmler				
	#81, Skillful prediction of the 2015 record summer "Cold Blob" in the subpolar North Atlantic with the MPI-ESM "eddy-resolving" climate prediction system, Lohmann (onlin				
	#15, Ocean Heat Transport in Met Office Models – is it all about resolution?, Roberts				
	#61, ICON-Seamless: Towards an integrated model configuration for numerical weather prediction, climate predictions and projections, Mueller				
	#94, Assessing observational constraints on future European climate in an out-of-sample framework, O'Rielly				
	Part 3:				
	#47, Predicting chlorophyll-a in the tropical Atlantic from SST information, Calvo Miguélez				
	#62, Phytoplankton predictability in the Tropical Atlantic - triggered by nutrient pulses from the South?, Fransner				
	#92, On predictability of surface phytoplankton and its physical/biogeochemical drivers in the Tropical and South Atlantic, Rivas (online)				
	11:35-12:30: moderated discussion and note-taking				
n 3	Tuesday, 10:00-12:30	Tuesday, 15:45-17:00	Wednesday, 16:00-17:00		
	Part1: - How to improve the prediction of extreme events? - Understanding, achieving and improving predictions of climate variations and extremes over the North Atlantic - Arctic region + definition of extremes + quantifying what is dangerous Part2: How to handle model deficiencies (signal-to-noise issue, model bias, model calibration,etc) and improve initialisation?				
	Part3: How to make use of machine learning to enhance climate predictions, applications and services?				
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for AI, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon	Moderators (Bergen): coming soon	Moderators (Bergen): coming soon		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Moderators (Online): coming soon	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, Mt-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon	Rapporteurs (Bergen): coming soon	Rapporteurs (Bergen): coming soon		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, Mt-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon 10:00-10:15: set-up zoom, find room and sit down, welcome and introducing session (topic, goals, house-keeping rules)	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, Mt-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon 10:00-10:15: set-up zoom, find room and sit down, welcome and introducing session (topic, goals, house-keeping rules) 10:15-11:55: 18 pitches (5 min per pitch + 10min total for switching)	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon 10:00-10:15: set-up zoom, find room and sit down, welcome and introducing session (topic, goals, house-keeping rules) 10:15-11:55: 18 pitches (5 min per pitch + 10min total for switching) Part 1:	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Roporteurs (Online): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon 10:00-10:15: set-up zoom, find room and sit down, welcome and introducing session (topic, goals, house-keeping rules) 10:15-11:55: 18 pitches (5 min per pitch + 10min total for switching) Part 1: #57, Modelling sub-daily precipitation extremes with the blended generalised extreme value distribution, Vandeskog	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Rapporteurs (Online): coming soon Rapporteurs (O	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon 10:00-10:15: set-up zoom, find room and sit down, welcome and introducing session (topic, goals, house-keeping rules) 10:15-11:55: 18 pitches (5 min per pitch + 10min total for switching) Part 1: #57, Modelling sub-daily precipitation extremes with the blended generalised extreme value distribution, Vandeskog #78, Predicting Intense Marine Heatwaves in Northern Seas (PRIMA), Williams-Kerslake #89, Extreme Arctic sea ice lows investigated with a rare event algorithm, Sauer	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Rapporteurs (Online): coming soon Rapporteurs (O	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon (pitching if previous session split in parts)	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, Mt-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Aapporteurs (Bergen): coming soon Apporteurs (Online): coming soon	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon Brief summary of previous discussion.		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, ML-D. in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Conline): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon 10:00-10:15: set-up zoom, find room and sit down, welcome and introducing session (topic, goals, house-keeping rules) 10:15-11:55: 18 pitches (5 min per pitch + 10min total for switching) Part 1: #57, Modelling sub-daily precipitation extremes with the blended generalised extreme value distribution, Vandeskog #78, Predicting Intense Marine Heatwaves in Northern Seas (PRIMA), Williams-Kerslake #89, Extreme Arctic sea ice lows investigated with a rare event algorithm, Sauer #76, Future climate change impacts of an AMOC weakening on extreme precipitation in East of NorthEast Brazil by inter-model differences, Oliveira (online) #51, Hybrid statistical-dynamical seasonal prediction of summer extreme temperatures over Europe, Famooss Part 2:	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon (pitching if previous session split in parts) Summary of previous discussion.	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Gergen): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon Rapporteurs (Soline): coming soon Rapporteurs (Coming soon) Rapporteurs (Comin	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon (pitching if previous session split in parts)	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon Brief summary of previous discussion.		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Rapporteurs (Online): coming soon Rapporteurs (O	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon (pitching if previous session split in parts) Summary of previous discussion.	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon Brief summary of previous discussion.		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon Rapporteurs (Dnine): coming soon Rapporteurs (Dnine): coming soon Rapporteurs (Bergen): Machine): Coming soon Rapporteurs (Dnine): Coming soon Rapporteurs (Dnine	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon (pitching if previous session split in parts) Summary of previous discussion.	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon Brief summary of previous discussion.		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon 10:00-10:15: set-up zoom, find room and sit down, welcome and introducing session (topic, goals, house-keeping rules) 10:15-11:55: 18 pitches (5 min per pitch + 10min total for switching) Part 1: #57, Modelling sub-daily precipitation extremes with the blended generalised extreme value distribution, Vandeskog #78, Predicting Intense Marine Heatwaves in Northern Seas (PRIMA), Williams-Kerslake #89, Extreme Arctic sea ice lows investigated with a rare event algorithm, Sauer #76, Future climate change impacts of an AMOC weakening on extreme precipitation in East of NorthEast Brazil by inter-model differences, Oliveira (online) #51, Hybrid statistical-dynamical seasonal prediction of summer extreme temperatures over Europe, Famooss Part 2: #21, Adaptive covariance hybridization for coupled climate reanalysis, Barthélémy #31, Initializing hindcasts with ensemble optimal interpolation: challenges and opportunities, Torres (online) #63, Ensemble based parameter estimation for improving Ocean Biogeochemistry in an Earth System Model, Singh #74, Enhancing sea ice prediction in NorCPM using assimilation of sea ice thickness from ENVISAT and C2SMOS, Williams	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon (pitching if previous session split in parts) Summary of previous discussion.	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon Brief summary of previous discussion.		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon 10:00-10:15: set-up zoom, find room and sit down, welcome and introducing session (topic, goals, house-keeping rules) 10:15-11:55: 18 pitches (5 min per pitch + 10min total for switching) Part 1: #57, Modelling sub-daily precipitation extremes with the blended generalised extreme value distribution, Vandeskog #78, Predicting Intense Marine Heatwaves in Northern Seas (PRIMA), Williams-Kerslake #89, Extreme Arctic sea ice lows investigated with a rare event algorithm, Sauer #76, Future climate change impacts of an AMOC weakening on extreme precipitation in East of NorthEast Brazil by inter-model differences, Oliveira (online) #51, Hybrid statistical-dynamical seasonal prediction of summer extreme temperatures over Europe, Famooss Part 2: #21, Adaptive covariance hybridization for coupled climate reanalysis, Barthélémy #31, Initializing hindcasts with ensemble optimal interpolation: challenges and opportunities, Torres (online) #63, Ensemble based parameter estimation for improving Ocean Biogeochemistry in an Earth System Model, Singh #74, Enhancing sea ice prediction in NorCPM using assimilation of sea ice thickness from ENVISAT and C2SMOS, Williams #90, Intercomparison of initialization methods for Seasonal-to-Decadal Climate Predictions with the NorCPM, Garcia	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon (pitching if previous session split in parts) Summary of previous discussion.	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon Brief summary of previous discussion.		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon 10:00-10:15: set-up zoom, find room and sit down, welcome and introducing session (topic, goals, house-keeping rules) 10:15-11:55: 18 pitches (5 min per pitch + 10min total for switching) Part 1: #57, Modelling sub-daily precipitation extremes with the blended generalised extreme value distribution, Vandeskog #78, Predicting Intense Marine Heatwaves in Northern Seas (PRIMA), Williams-Kerslake #89, Extreme Arctic sea ice lows investigated with a rare event algorithm, Sauer #76, Future climate change impacts of an AMOC weakening on extreme precipitation in East of NorthEast Brazil by inter-model differences, Oliveira (online) #51, Hybrid statistical-dynamical seasonal prediction of summer extreme temperatures over Europe, Famooss Part 2: #21, Adaptive covariance hybridization for coupled climate reanalysis, Barthélémy #31, Initializing hindcasts with ensemble optimal interpolation: challenges and opportunities, Torres (online) #63, Ensemble based parameter estimation for improving Ocean Biogeochemistry in an Earth System Model, Singh #74, Enhancing sea ice prediction in NorCPM using assimilation of sea ice thickness from ENVISAT and C2SMOS, Williams #90, Intercomparison of initialization methods for Seasonal-to-Decadal Climate Predictions with the NorCPM, Garcia	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon (pitching if previous session split in parts) Summary of previous discussion.	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon Brief summary of previous discussion.		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for AI, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Gergen): coming soon Rapporteurs (Online): coming soon Rapporteurs (Soline): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon Rapporteurs (Soline): coming soon Rapporteurs (Online): coming soon Rapporteurs (On	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon (pitching if previous session split in parts) Summary of previous discussion.	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon Brief summary of previous discussion.		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for AI, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Online): coming soon Rapporteurs (Solline): coming soon Rapporteurs (Online): coming soon Rapporteurs (Online): coming soon Rapporteurs (Solline): coming soon Rapporteurs (Online): coming soon Rapporteurs (Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon (pitching if previous session split in parts) Summary of previous discussion.	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon Brief summary of previous discussion.		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for AI, ML-DL in climate services? Opportunity or threat? Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Rapporteurs (Online): coming soon 10:00-10:15: set-up zoom, find room and sit down, welcome and introducing session (topic, goals, house-keeping rules) 10:15-11:55: 18 pitches (5 min per pitch + 10min total for switching) Part 1: #57, Modelling sub-daily precipitation extremes with the blended generalised extreme value distribution, Vandeskog #78, Predicting Intense Marine Heatwaves in Northern Seas (PRIMA), Williams-Kerslake #89, Extreme Arctic sea ice lows investigated with a rare event algorithm, Sauer #76, Future climate change impacts of an AMOC weakening on extreme precipitation in East of NorthEast Brazil by inter-model differences, Oliveira (online) #51, Hybrid statistical-dynamical seasonal prediction of summer extreme temperatures over Europe, Famooss Part 2: #21, Adaptive covariance hybridization for coupled climate reanalysis, Barthélémy #31, Initializing hindcasts with ensemble optimal interpolation: challenges and opportunities, Torres (online) #63, Ensemble based parameter estimation for improving Ocean Biogeochemistry in an Earth System Model, Singh #74, Enhancing sea ice prediction in NorCPM using assimilation of sea ice thickness from ENVISAT and C2SMOS, Williams #90, Intercomparison of initialization methods for Seasonal-to-Decadal Climate Predictions with the NorCPM, Garcia #96, Recent development of NorCPM software structure, Chiu #56, A perfect-model perspective on the signal to noise paradox in initialized climate predictions, Mahmood Part 3: #20, Hybrid covariance super-resolution data assimilation, Barthélémy	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon (pitching if previous session split in parts) Summary of previous discussion.	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon Brief summary of previous discussion.		
	- What is the role for Al, ML-DL in climate services? Opportunity or threat? Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Rapporteurs (Online): coming soon Rapporteurs (Onlin	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon (pitching if previous session split in parts) Summary of previous discussion.	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon Brief summary of previous discussion.		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Rapporteurs (Online): coming soon Rapporteurs (Policy (Policy (Online): coming soon Rapporteurs (Policy (Po	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon (pitching if previous session split in parts) Summary of previous discussion.	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon Brief summary of previous discussion.		
	- What is the role for Al, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Rapporteurs (Online): coming soon Rapporteurs (Rergen): coming soon Rapporteurs (Rergen	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon (pitching if previous session split in parts) Summary of previous discussion.	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon Brief summary of previous discussion.		
	- How to make use of Machine learning in enhancing climate predictions? - What is the role for Al, ML-DL in climate services? Opportunity or threat?Democratizing force or reinforcing inequities? Is data-driven inherently better? Moderators (Bergen): coming soon Rapporteurs (Bergen): coming soon Rapporteurs (Online): coming soon Rapporteurs (Policy (Policy (Online): coming soon Rapporteurs (Policy (Po	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon (pitching if previous session split in parts) Summary of previous discussion.	Rapporteurs (Bergen): coming soon Moderators (Online): coming soon Rapporteurs (Online): coming soon Brief summary of previous discussion.		

	Tuesday, 10:00-12:30	Tuesday, 15:45-17:00	Wednesday, 16:00-17:00		
	Topic:				
	Part1: How can we address the gap between climate information production and its use by "flipping the script" from traditional top-down approaches to a bottom-up perspective?				
	Part2: Neighborhood-scale", "convection-permitting", "sub-daily"; as we move to ever finer scales (in time and space) what are the limits to the effective resolution of climate information we provide and how do we responsibly communicate this?				
	Moderators (Bergen): coming soon	Moderators (Bergen): coming soon	Moderators (Bergen): coming soon		
	Rapporteurs (Bergen): coming soon	Rapporteurs (Bergen): coming soon	Rapporteurs (Bergen): coming soon		
	Moderators (Online): coming soon	Moderators (Online): coming soon	Moderators (Online): coming soon		
	Rapporteurs (Online): coming soon	Rapporteurs (Online): coming soon	Rapporteurs (Online): coming soon		
	10:00-10:15: set-up zoom, find room and sit down, welcome and introducing session (topic, goals, house-keeping rules)				
	10:15-11:20: 11 pitches (5 min per pitch + 10min total for switching)				
	#16, Seasonal Forecasts for Resilient Food Systems - The Co-production of Climate Services for Norwegian Agriculture, Hempel				
	#39, OceansforFuture: Innovating climate services using ocean information and communication with society (OFF), Polo Sanchez				
	#50, From Super Users to a Community of Practice: bringing seamless climate information into mainstream decision making, Terrado				
	#65, Co-production of multi-annual climate services to support food and wine production resilience, Delgado				
	#85, Can we make nature-based solutions more climate resilient? Co-producing climate services for tree planting in two Catalonian municipalities, Trascasa-Castro	Brief summary of previous discussion.	Brief summary of previous discussion.		
	Part 2:				
	#1, Unlocking micro-climate services with a urban integrated modeling system, Ezau	Writing session in smaller groups to synthesize.	Writing session in smaller groups to synthesize.		
t	#24, Accuracy versus Precision: Refining Weather Forecasts for Climate Adaptation, Dunn-Sigouin				
	#80, Decadal inflow projections for catchments in Brazil, Scheuerer				
	#25, Predicting avalanche risk from meteorological data in Northern Norway, Eiselt				
	#75, Harmful algae bloom frequency response to climate change along the Norwegian coast, Silva				
	#99, Who holds financial climate services accountable to credibility and legitimacy standards?, Eckstrom				
	11:20-12:30: moderated discussion and note-taking				