PROGRAMME GROUP SCHEDULE

CL – CLIMATE: PAST, PRESENT, FUTURE

O: Oral Presentation (Lecture Room) / P: Poster Presentation (Poster Hall)
TB: 1: 8:30–10:00 / 2: 10:30–12:00 / 3: 13:30–15:00 / 4: 15:30–17:00 / 5: 17:30–19:00

Session	Title	TB	MO	TU	WE	TH	FR
CL0	Open Session on Climatology and Palaeoclimatology (including Milutin Milankovic Medal Lecture)	1					
		2	O (13 (F1))				
		3	O (13 (F1))				
		4	O (13 (F1))				
		5	P (XY)				
CL1	Organic Carbon-Rich Marine Sediments Past, Present and Future : Oceans and Climate Feedbacks (co-listed in BG & SSP)	1			O (25)		
		2			O (25)		
		3					
		4					
		5			P (XY)		
CL2	Monthly, seasonal and decadal forecasting (co-listed in NP & AS)	1					
		2	O (14)				
		3	O (14)				
		4					
		5	P (XY)				
CL4	Assessment of climate events in lake sediments	1					
		2					O (14)
		3					P (XY)
		4					P (XY)
		5					
GD09	Ice-Mass Fluctuations and the Dynamical Responses of the Solid Earth (co-organized by G)	1					
		2			O (23)		
		3				P (A)	
		4				P ()	
		5					
CL6	Past atmospheric circulation	1					
		2				O (14)	
		3					
		4					
		5				P (XY)	
CL8	Climate and ocean dynamics from high-resolution marine archives (co-listed in OS)	1				O (14)	
		2					
		3					
		4					
		5				P (XY)	
CL10	Regional and Global Climate Impact of the Atlantic Ocean Variability (co-listed in OS)	1					
		2					
		3					
		4			O (20 (N))		
		5			P (XY)		
CL11	Monsoon climates - variability, changes and paleo-perspectives	1					
		2					
		3					
		4				O (14)	
		5				P (XY)	
CL12/ CL41	Mediterranean Climate Variability / Black Sea-Mediterranean Corridor during last 30 ky: Sea level change and human adaptation	1					O (25)
		2					O (25)
		3					O (25)
		4					P (XY)
		5					
CL13/ CL39	Large-scale climate modes in the Northern Hemisphere / Atmospheric teleconnections	1			O (14)		
		2			O (14)		
		3					
		4					
		5			P (XY)		
CL15	Physical and Biogeochemical feedbacks in the Climate System (co-listed in BG)	1					
		2					P (XY)
		3					O (14)
		4					O (14)
		5					
CL16/ GD14	East African geodynamics, climate and evolution (co-organized with GD) (co-listed in TS & SSP)	1					
		2					
		3			O (14)		
		4			O (14)		
		5			P (XY)		

Session	Title	TB	MO	TU	WE	TH	FR
CL17	Observing climate change and variability from space: achievements and challenges	1					
		2					
		3				P (XY)	
		4				O (13 (F1))	
		5				O (13 (F1))	
CL18	Anthropogenic climate changes: forcing, modelling, detection and impact (co-listed in ERE)	1				O (13 (F1))	
		2				O (13 (F1))	
		3				O (13 (F1))	
		4					
		5				P (XY)	
CL19/ CL14	Climatic Extremes and their Impacts (co-listed in HS & ERE) / Mid-latitude cyclones: processes, variability, changes and impacts	1					O (13 (F1))
		2					O (13 (F1))
		3					O (13 (F1))
		4					P (XY)
		5					
CL20	Probabilistic Forecasts of Climate and the Potential Impacts of Climate Change (co-listed in NP & ERE)	1					
		2					
		3					
		4	O (14)				
		5	P (XY)				
CL21	Generality of Climate Models and their Components (co-listed in AS & NP)	1					
		2					
		3		O (14)			
		4					
		5		P (XY)			
CL22/ CL35	Land-atmosphere coupling in past, present and future climate (co-listed in AS, BG & HS) / Subsurface temperature signals of climate change, processes involved, and importance to climate modeling	1					
		2					
		3		O (25)			
		4		O (25)			
		5		P (XY)			
CL23	Surface Radiation Budget, Radiative Forcings and Climate Change (co-listed in AS)	1		O (14)			
		2		O (14)			
		3					
		4					
		5		P (XY)			
CL24	Modelling the Climates of the Late Quaternary	1					
		2					
		3	O (25)				
		4	O (25)				
		5	P (XY)				
CL25	EPICA-MIS: EPICA ice cores, marine counterparts, and Quaternary Earth System Dynamics (co-listed in CR)	1			O (13 (F1))		
		2			O (13 (F1))		
		3			O (13 (F1))		
		4					
		5			P (XY)		
CL26	Past, Present and Future Changes in Ocean Circulation: Data and Models (co-listed in OS)	1					
		2					
		3					
		4		O (13 (F1))			
		5		P (XY)			
CL27	Decadal to millennial marine records of ice sheet decay	1					
		2					
		3					
		4					
		5					
CL28	Climate of the last millennium: reconstructions, analyses and explanation of regional and seasonal changes (including Hans Oeschger Medal Lecture)	1		O (13 (F1))			
		2		O (13 (F1))			
		3		O (13 (F1))			
		4					
		5		P (XY)			
CL29/ CL46	Millennial-scale variability / Solar forcing of climate	1	O (13 (F1))				
		2					
		3					
		4					
		5	P (XY)				
CL30/ CL3	(Sub)Arctic Ocean circulation and climate change - natural and anthropogenic forcing (co-listed in OS)	1					
		2					
		3					P (XY)
		4					O (13 (F1))P ()
		5					
CL31	Antarctic cryosphere and Southern Ocean climate evolution (Cenozoic-Holocene)	1					
		2		O (25)			
		3					
		4					
		5		P (XY)			

Session	Title	TB	MO	TU	WE	TH	FR
CL32/ CL9	Applied Quaternary Geochronology (co-listed in GM) / High-resolution radiocarbon chronologies - methods and applications	1					O (14)
		2					P (XY)
		3					P (XY)
		4					
		5					
CL34	Aeolian dust as a player and recorder of environmental change (co-listed in GM & SSP, co-sponsored by IAS)	1					
		2					
		3				O (14)	
		4					
		5				P (XY)	
CL36	Marine and terrestrial paleoclimate records - recent advances in IODP and ICDP	1		O (25)			
		2					
		3					
		4					
		5		P (XY)			
CL38/ GI12	Earth System Modelling: Strategies and Software (co-organized by GI, co-listed in AS, HS & OS)	1					
		2					
		3					
		4		O (14)			
		5		P (XY)			
CL40	Climate Models Intercomparison: Dynamics and Physical Processes (co-listed in AS , OS & NP)	1	O (25)				
		2	O (25)				
		3					
		4					
		5	P (XY)				
SSP8/ CL43/ CL33	Closing the gap between geological data and numerical modelling / Oxygen-18 in climate models, observations and palaeo-data (co-organized by CL)	1			O (32)		
		2			O (32)		
		3					
		4					
		5			P (A)		
SSP14/ CL44	Palaeoceanographic and palaeoclimatic change during the Palaeozoic, Mesozoic and Cenozoic: sedimentological, palaeontological, geochemical and modelling perspectives (co-organized by CL; co-sponsored by IAS)	1					
		2		O (32)			
		3		O (32)			
		4		O (32)			
		5		P (A)			
SSP16/ CL45	Climate events recorded in speleothems (co-organized by CL) (co-listed in IG)	1					
		2					
		3	O (32)				
		4	O (32)				
		5	O (32)	P (A)			
NP3.02	Scale, Scaling, nonlinear variability and turbulent structures in oceans, atmosphere and the climate (co-listed in AS, BG, CL & OS)	1	O (22)				
		2	O (22)				
		3					
		4		P (XY)			
		5					
NP4.02	Statistical analysis of paleoclimate time series (co-listed in CL)	1					
		2					
		3		P (XY)			
		4			O (22)		
		5			O (22)		
NH1.03	Diagnosis, modelling and forecasting of meteorological and hydrological hazards produced by extreme weather and climate change (co-listed in AS & CL)	1	O (27)				
		2	O (27)				
		3					
		4					
		5	P (XY)				
SSP9	Ordovician glaciations (co-listed in CR & CL)	1					
		2					
		3					
		4					
		5					
GI2	Atmoshere, Ocean and Meteorological Instruments (co-listed in AS, CL, OS, PS & ST)	1		O (2)			
		2		O (2)			
		3					
		4					
		5			P (XY)		
GI10	Informatics: distributed information systems - technology and applications (co-listed in AS, CL, G, CR, GD, GM, GMPV, HS, MPRG, OS, PS, ST, SM, TS, SSP, SSS & NH)	1					O (29)
		2					O (29)
		3					O (29)
		4					P (XY)
		5					
GM16	Cold regions geomorphology: linking high- and mid-latitudes (co-listed in CL & CR)	1					
		2					
		3					
		4					
		5					

Session	Title	TB	MO	TU	WE	TH	FR
GM20	Earth surface processes and carbon cycling (co-listed in CL & IG)	1					
		2					
		3					
		4					
		5					
CR20	Open session on permafrost (co-listed in CL, GM & NH)	1					
		2		O (29)			
		3	P (A)				
		4					
		5					
CR40	Climate change impacts on glaciers, permafrost and related hazards (co-listed in NH & CL)	1	O (6 (K))				
		2	O (6 (K))				
		3	P (A)				
		4					
		5					
CR70	Snow dynamics and snow-atmosphere exchange over Greenland and Antarctica (co-listed in AS & CL)	1					
		2					
		3			O (26)		
		4					
		5			P (A)		
CR120	Observations of glaciers and ice sheets from space (co-listed in G & CL)	1					
		2				O (4 (H))	
		3					
		4					
		5				P (A)	
CR130	Glaciology, climate, and oceanography of the Antarctic Peninsula and the sub-Antarctic (co-listed in CL & HS)	1					
		2					
		3					
		4			O (29)		
		5			P (A)		
CL7	Antarctica and the Global Climate System (co-listed in AS, CR & OS)	1					
		2					
		3					
		4			O (13 (F1))		
		5			P (XY)		
CR140	Ice sheet - climate interactions (co-listed in CL)	1				O (4 (H))	
		2					
		3					
		4					
		5				P (A)	
OS7	High latitude changes in ocean, ice and climate (co-listed in CR & CL)	1		O (D)			
		2		O (D)			
		3					
		4					
		5	P (XY)				
OS12	Sea Level: Changes and their Causes (co-listed in CL & CR)	1					
		2					
		3					
		4					
		5					
SSP17/ BG11/ CL47	Environmental perturbations during the Palaeozoic-Mesozoic interval: Organic geochemical and palynological proxies (co-organized by BG & CL)	1					
		2					
		3				O (32)	
		4					
		5				P (A)	
OS3	Ocean Tracers and Anthropogenic CO2 (co-listed in BG & CL)	1				O (D)	
		2				O (D)	
		3					
		4					
		5	P (XY)				
OS6	IMBER/SOLAS Special Session (co-listed in AS, BG, CL & NP)	1					
		2					
		3					O (D)
		4					O (D)
		5			P (XY)		
SSS2	Soil as a record of the past	1	O (33)				
		2					
		3					
		4					
		5	P (A)				
MPRG05	Paleomagnetism, Climate and Environmental magnetism (co-listed in CL and SSP)	1					
		2		P (A)			
		3					
		4		O (34)			
		5					

Session	Title	TB	MO	TU	WE	TH	FR
HS29	Objective and process-based catchment classification as a tool for predictions in ungauged basins	1				O (31)	
		2				O (31)	
		3				P (A)	
		4					
		5					
HS32	Climate-soil and vegetation interactions in ecological-hydrological processes (co-listed in AS, CL, NP & SSS)	1					O (28 (B))
		2					O (28 (B))
		3					P (A)
		4					
		5					
HS36	Hydrological extremes: controls, spatial & temporal variability and regional patterns	1					
		2					P (A)
		3				O (30 (C))	
		4				O (30 (C))	
		5					
OS1	Open session on large scale ocean circulation variability (co-listed CL, BG) (including Fridjof Nansen Medal Lecture)	1	O (D)				
		2	O (D)				
		3	O (D)				
		4	O (D)				
		5	P (XY)				
OS11	Temporal variability of ocean temperature (heat content) and salinity (freshwater content). (co-listed CL)	1					
		2					
		3					
		4			O (D)		
		5			P (XY)		
HS25	Lakes and inland seas under anthropogenic impact and climate change (co-listed in CL & ERE)	1				O (30 (C))	
		2				O (30 (C))	
		3				P (A)	
		4					
		5					
GM9	Monitoring and modelling in periglacial and glacial geomorphology (co-listed in CR & CL)	1					
		2					
		3				O (17 (M))	
		4				O (17 (M))	
		5				P (XY)	
GM15	Deep Alpine Valleys: recording the topographic, climatic and tectonic evolution of mountain belts (co-listed in CL)	1				O (17 (M))	
		2				O (17 (M))	
		3					
		4					
		5				P (XY)	
BG6.04	Methane fluxes on continental margins: ecosystems, drivers and controls (co-listed in CL)	1				O (19)	
		2				O (19)	
		3				O (19)	
		4				P (BG)	
		5					
GM2	Aeolian Processes and Landforms (co-listed in CL)	1					
		2					
		3					
		4			O (17 (M))		
		5			P (XY)		
HS41	Statistical concepts in understanding and modelling hydro-climatic change (co-listed in NP, CL and AS)	1					
		2					
		3					O (31)
		4					P (A)
		5					
BG5.02	ABC of biomarkers in biogeosciences: Abundance, Biosynthesis, and isotopic Composition (co-listed in IG & CL)	1					
		2					
		3					
		4					
		5					
US4	Toward a model/data synergy for understanding large changes in Earth Climate History: From the First Glaciation of the Earth to the Quaternary (abstract submission by invitation only) (co-listed in CL)	1		O (4 (H))			
		2		O (4 (H))			
		3		O (4 (H))			
		4		O (4 (H))			
		5		O (4 (H))			
BG5.01/ CL48	Calibration and validation of marine and terrestrial proxies: from empiricism towards a mechanistic understanding (co-organized by CL) (co-listed in SSP)	1				O (20 (N))	
		2					
		3					
		4				P (BG)	
		5					
TS5.2/ SSP24	Processes of rifting, sediment transport, fluid flow and biogenic activity: EUROMARGINS open session (co-organized by SSP) (co-listed in BG & CL)	1			O (3)		P (XY)
		2			O (3)		
		3					
		4					
		5					

Session	Title	TB	MO	TU	WE	TH	FR
BG5.09/ CL49	Climate variability and the carbon cycle (past, present and future): The EuroCLIMATE Programme on multi-proxy reconstructions and coupled climate models at European and regional scales (co-organized by CL) (co-listed in CR & SSP) (including Outstanding Y	1					
		2			P (BG)		
		3			O (25)		
		4			O (25)		
		5			O (25)		
AS1.14	African Monsoon Multidisciplinary Analysis (AMMA) (co-listed in OS, BG, CL & SSS)	1					O (10 (E1))
		2					O (10 (E1))
		3				P (XY)	O (10 (E1))
		4				P ()	O (10 (E1))
		5					
BG5.05	Environmental Micropaleontology: microfossils as proxies of recent and past environmental change (co-listed in CL)	1					
		2				P (BG)	
		3				O (20 (N))	
		4				O (20 (N))	
		5					
BG5.08	Natural and anthropogenic environmental change as evidenced in high-resolution continental archives (co-listed in CL)	1					
		2	P (BG)				
		3	O (20 (N))				
		4	O (20 (N))				
		5					
BG6.03	Ecosystems of the deep sea-floor and their geological drivers (co-listed in SSP, OS & CL)	1					
		2		P (BG)			
		3					
		4				O (19)	
		5					
ERE5	Climate change impact on economical and industrial activities (co-listed in CL)	1					
		2					
		3				P (XY)	
		4			O (2)		
		5					
ERE6	Integrated assessment of energy options and risk assessment methodologies (co-listed in CL)	1					
		2					
		3				P (XY)	
		4					
		5			O (2)		
SSP12/ BG9	New proxies in sedimentary geochemistry (co-organized by BG, co-listed in IG & CL)	1					
		2				O (20 (N))	
		3				P (A)	
		4					
		5					
SSP21	Reconstructing the Cretaceous World: Integration of data from the Boreal, Tethys, deep sea and the continents (co-listed in CL)	1				O (32)	
		2				O (32)	
		3					
		4					
		5				P (A)	
GM11	Mechanisms of coupling and feedback between tectonics, climate and surface processes (co-listed in GD & CL)	1		O (17 (M))			
		2		O (17 (M))			
		3		O (17 (M))			
		4		O (17 (M))			
		5		P (XY)			
GM17	Quaternary Landscape Evolution and Paleo-Geoecology (co-listed in CL)	1					
		2				O (7)	
		3					
		4					
		5				P (XY)	
GM19	Quantifying and modelling human and climate controlled sediment dynamics (co-listed in CL)	1					
		2					
		3				O (7)	
		4				O (7)	
		5				P (XY)	
HS38	Anthropogenic impacts on transitional environments (co-listed in CL & ERE)	1					
		2					
		3					
		4					
		5					
NP2.01	ENSO: dynamics, predictability and response to climate change (co-listed in CL & OS)	1					
		2					
		3	O (3)	P (XY)			
		4	O (3)				
		5					
NP2.03	Nonlinear low-frequency variability in atmosphere, ocean and the climate system (co-listed in CL & OS)	1					
		2					
		3		P (XY)			
		4					
		5	O (3)				

Session	Title	TB	MO	TU	WE	TH	FR
NP4.03	Simple dynamical models from data: a tool for parametrizations and diagnostics (co-listed in CL)	1					
		2					
		3		P (XY)			
		4			O (22)		
		5					