

# PROGRAMME GROUP SCHEDULE

## SSS – SOIL SYSTEM SCIENCES

**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
SSS1	Mineralogical and geochemical records of weathering and pedoplasmatation: from spatial to temporal scales (co-listed in GMPV)	1			O (33)		
		2					
		3					
		4					
		5				P (A)	
SSS2	Soil as a record of the past	1	O (33)				
		2					
		3					
		4					
		5	P (A)				
SSS3	Soil genesis, soil quality, biological indicators and soil functions, including education (co-listed in BG)	1				O (33)	
		2				O (33)	
		3					
		4					
		5					P (A)
SSS4	Organic soils, processes, mechanisms and utilization (co-listed in BG)	1					O (33)
		2					
		3					
		4					
		5					P (A)
SSS8	The mechanisms, especially diffusion, by which soil organic matter influences chemical fate: Chromium as a case study (co-listed in BG)	1					
		2					
		3					O (33)
		4					
		5					P (A)
SSS10	3D Visualization and Quantification of Soil Pore Geometries (co-listed in HS)	1					
		2	O (33)				
		3					
		4					
		5	P (A)				
SSS11	Hydropedology: A synergistic tool to shape EU guidelines for water and soil (co-listed in HS)	1					
		2					
		3					
		4					O (33)
		5					P (A)
SSS12	Transport in preferential flow domains of the soil porous system: Measuring, interpretation, models, upscaling (co-listed in HS)	1					
		2					
		3	O (33)				
		4	O (33)				
		5	P (A)				
SSS13	Soil erosion on agricultural land (co-listed in GM)	1		O (33)			
		2		O (33)			
		3		O (33)			
		4		O (33)			
		5		P (A)			
SSS14	Improving spatial predictions of soil erosion (co-listed in HS & GM)	1					
		2					
		3				O (33)	
		4					
		5				P (A)	
SSS15	Soil erosion assessment and integrated approaches for remediation (co-listed in HS & GM)	1					
		2					
		3					
		4				O (33)	
		5				P (A)	
SSS19	Soil remediation processes: New insights into the role of mineral surfaces and bioaccessibility of residues( co-listed in BG) (including Philippe Duchafour Medal Lecture)	1					
		2				O (33)	
		3					
		4					
		5				P (A)	
SSS22	Ants in the Soil System. A hydrological, chemical and biological approach (co-listed in BG)	1					
		2					O (33)
		3					P (A)
		4					
		5					

Session	Title	TB	MO	TU	WE	TH	FR
HS10	Urban impacts on soils and groundwater (co-listed in SSS)	1					
		2			O (31)		
		3					
		4			P (A)		
		5					
BG6.0/ SSS24	Geomicrobiology: mineralization, weathering and biofilms (co-organized by SSS)	1					
		2	P (BG)				
		3	O (19)				
		4	O (19)				
		5					
HS28	Catchment structure and connectivity (co-listed in GM, BG & SSS)	1					
		2					P (A)
		3				O (31)	
		4				O (31)	
		5					
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					
GI9	Down hole Instrumentation: Technology and Applications (co-listed in GM, GMPV, PS, SSP & SSS)	1					
		2	O (2)				
		3					
		4					
		5			P (XY)		
HS8	Subsurface assessment and characterisation of flow, transport, and fate using physical, chemical, and isotopic tools (co-listed in IG)	1	O (30 (C))				
		2	O (30 (C))				
		3	O (30 (C))				
		4	P (A)				
		5					
HS9	Hydrogeophysics in subsurface hydrology	1				O (28 (B))	
		2				O (28 (B))	
		3					
		4				P (A)	
		5					
HS16	Coupled hydrological, biological and chemical processes in the unsaturated zone	1					
		2					
		3					
		4					
		5					
HS17	Unsaturated zone flow and transport processes: from science to soil and water management	1					
		2			O (31)		
		3					
		4			P (A)		
		5					
HS18	Persistent organic pollutants in soils: sources, sinks, and processing	1			O (31)		
		2					
		3					
		4			P (A)		
		5					
HS19	Monitoring and modelling for soil and ecohydrological processes across landscape elements	1					
		2					P (A)
		3					O (28 (B))
		4					O (28 (B))
		5					
HS20	Technological potential for assessing soil erosion and sediment transport in ungauged river basins	1	O (31)				
		2					
		3					
		4	P (A)				
		5					
HS24	Sediment tracing and risk assessment for sediment management	1					
		2	O (31)				
		3					
		4	P (A)				
		5					
NH8.02/ BG1.06	Heavy-metal contamination of water, air, soil, and foodcrops (co-organized by NH and BG) (co-listed in SSS)	1					
		2			P (XY)		
		3					
		4					
		5					
BG1.07	Electron transfer processes in soils, sediments, and aquifers: concepts and cases (co-listed in SSS)	1			O (20 (N))		
		2			P (BG)		
		3					
		4					
		5					

<b>Session</b>	<b>Title</b>	<b>TB</b>	<b>MO</b>	<b>TU</b>	<b>WE</b>	<b>TH</b>	<b>FR</b>	
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						
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						
HS49	Dryland hydrology	1						
		2						
		3						
		4	O (30 (C))		P (A)			
		5						
NP3.07	Scale, Scaling, and nonlinearity in Solid Earth (co-listed in GMPV, NH, SSS & TS)	1						
		2						
		3				O (27)		
		4			P (XY)	O (27)		
		5						