

GSGS Research Conference 2022

Alphabetical Poster Programme

See next page for an overview per session

10:00 - 10:30 CET	Session 1
10:30 - 11:00 CET	Session 2
11:15 - 11:45 CET	Session 3
11:45 - 12:15 CET	Session 4

(H= Human, P= Physical)

Last name	First name	Poster title	Subject	Poster No.	Session
Asegahegn	Bahru Zinaye	Late Quaternary environmental change on the southeastern Ethiopian highlands inferred from the recently dried up Lake Haramaya	Geography (P)	D4	2
Böck	Tobias	Quality Assessment of HATPRO Microwave Radiometers - Measurements and Calibrations	Meteorology	D5	4
Bouhdayad	Fatima Zohra	Millennial-scale variability of Copiapó River runoff (Atacama Desert, Chile) during the Late Quaternary (0 ~ 110 ka)	Geology & Mineralogy	B2	1
Chatterjee	Dwaipayana	Understanding cloud systems structure and organization using a machine's self-learning capability	Meteorology	C6	2
Chattopadhyay	Rajorshi	Speciation of REEs in hydrothermal fluids	Geology & Mineralogy	D3	1
Chellini	Giovanni	Enhanced snowflake aggregation observed in Arctic shallow mixed-phase clouds at temperatures between -15 and -10°C	Meteorology	C7	3
Deußen	Katharina	Tracing the environmental conditions during gypsum & anhydrite formation in the Atacama desert	Geology & Mineralogy	C3	2
Elekes	Filip	Space environment and energy fluxes around Hot Jupiter exoplanets	Geophysics	E2	2
Erraji	Hassnae	Towards Unmanned Aerial Vehicles (UAV) data assimilation within the EURAD-IM	Meteorology	B5	4
Friedel	Julia	Biodiversity and Faunal Provinces of Permian Arcoids - <i>Parallelodon striatus</i> in the Zechstein Basin	Geology & Mineralogy	E1	4
Ghazayel	Salima	Flowers organization in the <i>Tradewinds</i> simulation based on EUREC4A	Meteorology	A2	1
Huesmann	Katharina	CO ₂ - reduction potential of German forest soils	Geography (P)	E7	4
Kosteletzky	Jonathan	Direct Numerical Simulation of the Aerodynamically Rough ABL: Implementation of an Immersed Boundary Method for Turbulent Ekman Flow	Meteorology	C5	3
Löffler	Moritz	Cloud detection algorithm for a stand-alone Microwave Radiometer	Meteorology	B3	2
Müller	Marcus	Aerosol-Cloud-Interaction at JOYCE	Meteorology	B1	4
Nakanyete	Ndapewa Fenny	Indigenous Knowledge for Sustainable Livelihoods: Exploring Forest Products' Value Chains for the Khwe and !Xun San in Bwabwata National Park and Okongo, Namibia	Geography (H)	E6	1
Pinto	Rovina	Wind and Dust Emission Climatology in the Atacama Desert using Surface Synoptic Observations: 1984-2021	Meteorology	B4	3
Riffo	Camila	Atacama Nitrate Ore Deposits: Searching for their relationship with Hydrothermal Fluids of Upper Cretaceous/Lower Tertiary Volcanism	Geology & Mineralogy	A5	3
Schilling	Henrik	Crystal growth and characterization of Ba ₄ Eulr ₃ O ₁₂	Crystallography	D6	3
Schirmacher	Imke	How well do we know Arctic low level cloud fraction over water by airborne remote sensing?	Meteorology	A4	1
Schmerling	Hendrik	Modeling the radiation-driven mass loss of primary atmospheres on super-Earth-sized Planets	Geophysics	E4	4
Schöttle	Stefan	Tensor 3D interpretation of CSRMT data with novel high-frequency sources considering displacement currents	Geophysics	B6	2
Shayo	Imani	Human-elephant conflicts in wildlife management areas and villages: a comparative study	Geography (P)	E3	3
Strack	David	Callisto's space environment and its putative ocean	Geophysics	E5	1
Thar	Khun Set	People's awareness, preparedness and resilience of flood risks in Myitkyina	Geography (H)	A6	1
Vicencio	José	Understanding atmospheric differences in the water vapor transport for the Atacama and Namib deserts	Meteorology	D1	1
Walbröl	Andreas	Atmospheric temperature, water vapour and liquid water path from two microwave radiometers during the MOSAIC expedition	Meteorology	A3	4
Wehmann	Niklas	Calcium Sulphates of the Atacama Desert - The Gypsum Anhydrite Phase Transition Revisited	Geology & Mineralogy	A7	2
Winkenstern	Jason	The Subsurface Ocean of Europa: Coupling of Induced Magnetic Fields	Geophysics	C2	3
Zickel	Mirijam	Digital geoarchaeology and landscape reconstruction around the Bronze Age tell settlement of Toboliu in Romania	Geography (P)	D2	2

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A6	1	Thar	Khun Set	People's awareness, preparedness and resilience of flood risks in Myitkyina	Geography (H)
B2	1	Bouhdayad	Fatima Zohra	Millennial-scale variability of Copiapó River runoff (Atacama Desert, Chile) during the Late Quaternary (0 ~ 110 ka)	Geology & Mineralogy
D1	1	Vicencio	José	Understanding atmospheric differences in the water vapor transport for the Atacama and Namib deserts	Meteorology
D3	1	Chattopadhyay	Rajorshi	Speciation of REEs in hydrothermal fluids	Geology & Mineralogy
E5	1	Strack	David	Callisto's space environment and its putative ocean	Geophysics
E6	1	Nakanyete	Ndapewa Fenny	Indigenous Knowledge for Sustainable Livelihoods: Exploring Forest Products' Value Chains for the Khwe and !Xun San in Bwabwata National Park and Okongo, Namibia	Geography (H)
A7	2	Wehmann	Niklas	Calcium Sulphates of the Atacama Desert - The Gypsum Anhydrite Phase Transition Revisited	Geology & Mineralogy
B3	2	Löffler	Moritz	Cloud detection algorithm for a stand-alone Microwave Radiometer	Meteorology
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B4	3	Pinto	Rovina	Wind and Dust Emission Climatology in the Atacama Desert using Surface Synoptic Observations: 1984-2021	Meteorology
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