SURNAME	NAME	ID	TOPIC	TITLE
Liu	Guoyang	941	PS10	Failure and disaster of boulders on high-steep slopes using three-dimensional
Spagnoli	Giovanni	942	PS17	Improvement of clayey soils in Deep Soil Mixing with chemical additives
Duque	Jose	943	PS3	On the influence of multiple episodes of cyclic loading and reconsolidation on the behavior of monopiles embedded in fine-grained soils
Spagnoli	Giovanni	944	PS17	Comparative grouting tests with non-conventional binders in soils with different
Leppia	Steffen	945	PS12	Numerical analysis of stability and serviceability of creeping tailings heaps
Barla	Marco	946	PS23	Overview of the thermo-hydraulic behaviour of a metro station equipped with energy
Jeremic	Boris	948	PS3	Intrusive Forward and Backward Uncertainty Propagation in Elastic
Pol	Antonio	949	PS17	DEM modelling of a plate bearing capacity test on a mesh-soil system
Kowalczyk	Piotr	950	PS13	The effects of soil-released elastic waves on a structure
Zhang	Shoulong	951	MS3	Influence of freeze-thaw of subgrade on track deformation
Rauter	Stefan	952	PS1	Identification of soil strata from in-situ test data using machine learning
Boschi	Katia	957	PS17	Low-pressure Fluid Injection in Soils: Numerical Investigation and Modelling
Oliynyk	Kateryna	959	PS3	PFEM modeling of strain localization processes in non-local multiplicative plasticity
Williams	Stephen	960	PS22	A model to predict rotation accumulation of offshore wind turbines undergoing long term
Stastny	Alexander	961	PS7	Numerical studies on cyclic earth pressure mobilisation behind integral railway bridges
Jelušič	Primož	962	PS17	Numerical validation of strains in geogrids embedded in bridge abutments
Cheng	Xiaoyang	963	PS1	Evaluation of similarity between stress paths in laboratory element testing and around
Granitzer	Andreas-Nizar	964	PS7	On the Use of Embedded Beam Formulations for the Numerical Analysis of Deep Foundations
Aparna	Shrivastava	965	PS13	Liquefaction and Post Liquefaction Response of Fly Ash Using Cyclic Simple Shear
Ciantia	Matteo	966	MS5	Finite deformation modeling of cone penetration tests in saturated structured clays
Girardi	Veronica	967	MS7	Large strain analysis of unsaturated heterogeneous slopes with MPM
Vishwakarma	Prabhakar	968	PS13	Estimation of Normal, Inverse, and Irregular Earth profile using Different Global Optimization Techniques from Active MASW survey
Ryota	Ohashi	969	PS9	Seismic Response Analysis of an Earth Dam with Geostatistical Method and 3-D Survey

Varvara	Zania	970	MS4	Modelling extreme oedometric unloading of a high plasticity overconsolidated clay with
Dong	Tang	971	PS20	The water-sealing criteria for underground oil storage caverns considering gas leakage
Soccodato	Fabio	972	PS9	Geothecnical analyses of a mine tailings impoundment
Arghya	Das	973	PS5	An Optimized Pore Network Model for Unsaturated Soil Permeability Determination
Saeid	Moussavi Tayyebi	974	PS5	Numerical modelling of coupled two-phase geophysical flows with a new velocity-drag expression
Tianyi	Zhu	975	PS7	Centrifuge model test study on the behavior of a tunnel under the neighboring excavation
Pferdekämpe r	Thomas	976	PS8	Numerical investigations into the interaction between TBM and heavily squeezing, purely cohesive ground
Nakamichi	Yohei	977	MS7	Numerical Analysis of Rain-induced Slope Failure by Using the MPM-SPH Coupling
Prevtali	Marco	978	MS5	Assessing rockfall barrier performance through meta models and block propagation codes
Hao	Yueyan	979	PS10	Centrifuge modeling of soil slopes with dual structure under drawdown conditions
Teli	Sujay	980	PS17	Shear Strength and Excess Pore Water Pressure Response of Fiber Reinforced Class F Fly
Tropeano	Giuseppe	981	PS10	Seismic performance of rock slopes and wedges accounting for progressive strength
Falanesca	Matteo	982	PS8	CERN, HL-LHC Project: numerical modelling and design challenges for the new
Yanqui	Calixtro	983	PS3	The coefficient of lateral pressure at rest by means of the granular mechanics
Yanqui	Calixtro	984	PS7	Granular mechanics of the rankine's lateral pressure on retaining walls under generals
Kono	Takao	985	PS8	Behavior of Shield Tunnel Close to Deep Excavation
Kumagai	Hiroto	986	PS7	Evaluation for behavior of retaining wall and surrounding ground by FEM analysis
Ding	Xun	988	MS2	Water Retention Curves of Clay Soils by Artificial Neural Networks
Tran	Quoc Anh	989	MS7	Coupled CFD-MPM simulation of soil-fluid interaction in geotechnics
Chen	Liuxin	990	MS4	A robust solution to address overshooting in bounding surface plasticity models
Okumura	Takehiro	991	PS13	Dynamic Finite Element Analyses for Simulating Centrifugal Model Tests with Modeling Separation Between Piles and Clayey Ground
Amorosi	Angelo	992	MS6	Interaction between tunnel excavations and historical structures in Rome: a fully coupled
Nazem	Majid	993	PS22	Application of machine learning methods in estimating soil properties from dynamic
Kardani	Navid	995	PS16	Modelling the shear modulus of the municipal solid waste using hybrid machine learning

Kardani	Navid	996	PS3	Prediction of Soil-Water Characteristic Curve using optimised machine learning
Kardani	Navid	997	PS16	Modelling the shear modulus of the municipal solid waste using hybrid machine learning
Yadav	Pavan	998	MS9	Implementation of Extended Mohr-Coulomb Model for Prediction of Static Liquefaction
Parol	Viswanath	999	PS1	Instability Behaviour of Fatehgarh Soil with Different Fines Content
Sharma	Sukrit	1000	PS3	Liquefaction Instability Analysis using Extended Mohr-Coulomb Model under
Javad	Ghorbani	1001	PS3	Improving efficiency, stability and accuracy of finite element solutions for solving cyclic contact problems involving unsaturated soils
Zarattini	Francesco	1002	PS1	Monitoring of dry granular flows in unsteady state down an inclined chute
Jadhav	Prajakta	1003	PS7	Estimation of Strain Demand on Buried Energy Pipelines under Corrosion and Permanent
Ray	Arpita	1004	PS17	A displacement based study on Seismic coefficient (kh) for stiffer MSE Wall structures
Braga Farinha	Maria Luisa	1005	PS9	Numerical modelling of borehole water-inflow tests using a discrete based hydromechanical model
Marchetti	Daria	1006	PS12	Calibration of numerical models for marble quarries stability
Tafili	Merita	1007	PS3	Finite Element modelling of tunnel settlements under cyclic loading
Wang	Guodong	1008	PS15	DEM modelling of non-persistent rock joint
Zhao	Linxue	1009	PS16	Uncertainty in PFAS transport through barrier systems: a Monte Carlo method approach
El-Zein	Abbas	1010	MS10	Accuracy, robustness and computational cost-effectiveness of inversion of the Richards equation: a comparison of conventional and nature-inspired algorithms
Podlich	Nathan	1011	PS3	Conic programming formulation of limit analysis governed by the Lade criterion
Oh	Dong-Wook	1012	MS6	Prediction of settlement function of piles due to adjacent tunnelling using machine
Phusing	Daraporn	1013	PS3	Discrete element analysis of density dependency of granular materials under different
Bidarmaghz	Asal	1014	PS23	Investigating the effectiveness of energy tunnels in cooling undergrond substations
Bidarmaghz	Asal	1015	PS21	The influence of natural convection on deep borehole heat exchangers' thermal yield
Spagnoli	Giovanni	1016	PS17	Improving the hydrodynamic performance of jet grouting with chemical additives
Taborda	David	1017	PS7	A numerical study on the simulation of tunneling problems in sand using a simple state
Wu	Huanran	1018	PS17	3D discrete element modeling of sands treated by microbially induced calcium carbonate
Sysala	stanislav	1019	PS10	A rigorous variant of the shear strength reduction method and its usage in slope stability

Boumezerane	Djamalddine	1020	MS2	Fuzzy-based parameter uncertainty in an elastoplastic model of clay
Valverde	Ana	1021	PS1	Particle segmentation of 3D silt images from X-ray µ-CT for fabric analysis
Wani	Sahil	1022	PS3	Numerical study on the effect of hydrate saturation on the geo-mechanical behavior of
Insana	Alessandra	1023	PS16	Numerical modelling of the assembly of big bags to optimize landfill disposal
Schorr	Joshua	1024	PS16	Quantifying material uncertainty through the use of Genetic Algorithm
Ramesh Kumar	Kishan	1025	MS2	Fully-coupled multiscale poro-mechanical simulation relevant for subsurface energy storage
Simonin	Luc	1026	PS3	HySand: a new constitutive model for sand under cyclic loading
Dieudonné	Anne-Cathrine	1027	PS17	Effects of inhomogeneity on the mechanical response of bio-cemented soils: a DEM study
Bayraktaroglu	Hilmi	1028	PS3	A Semi-Micromechanical Framework for Anisotropic Sands
Spagnoli	Giovanni	1029	PS17	Comparative grouting tests with two micro-cement types
Halliday	Alexandra	1030	MS4	Limitations of classic constitutive soil models and their suitability to represent tailings
Kumar	Jithin	1031	MS5	Fluid induced kinematics in porous media during cavity formation
Bathurst	Richard	1032	PS6	Reliability assessment for internal stability design of MSE walls
Varkey	Divya	1033	PS6	Reliability-based partial factors considering spatial variability of strength parameters
Gonzales Acosta	Josè Leon	1034	PS6	Liquefaction assessment and soil spatial variation
Vardon	Phil	1035	MS7	Implementing dynamic boundary condition with the material point method
Moore	Ian D.	1036	PS7	Soil-pipe interactions under permanent ground deformations
Saqib	Mohod	1038	PS3	A simple analytical model of the damping ratio considering effect of particle breakage
Kanth	Aparna	1039	PS1	A Numerical Approach for the Assesment of Liquefaction Potential of Solani Sand
Bahuguna	Ashish	1040	PS3	3D Finite Element Application of Elastoplastic Constitutive Model for Intact Rock
Mohsan	Muhammad	1041	MS2	Implementations of data assimilation for geotechnics
Talib	Abdullah	1042	PS13	Mathematical and physical anomaly in the modal analysis of surface waves
