

A LIST OF ACCEPTED PAPERS

PASTE·2017

Serial Number	Abstract Number	First author	Title	Topic	Country
1	2	Nicholas Thompson	Thickened tailings deposition for closure	Tailings Disposal	Australia
2	4	Jerold Johnson	Paste and Thickened Tailings Water Benefits – Case Studies	Water usage and recovery	USA
3	6	Michael Santarossa	Digital Imaging and Laser Measurement of Paste Pipe Wear	Slurry Transport	Australia
4	7	Richard Williams	Filtered Tailings Adds Value in Competitive Cost Industries	Case studies	Australia
5	10	Jian Deng	Reliability analysis and design of backfills in a cut-and-fill method	Paste Backfill (Metal or Coal Mines)	Canada
6	12	Jamiel Muhor	A Novel Approach to Polymer Dissolution – Modular CPS	Chemicals / Mixing	Australia
7	14	Fabian Erismann	Translating paste backfill admixture results from the laboratory into the field	Chemicals / Paste Backfill	Switzerland
8	15	Sijing Cai	Study on liquefying-damage of mine tailings dam in earthquake	Liquefaction	China
9	17	Liuhua Yang	The Effects of Mixing Time on Cement Paste Slurry Transportation and Mechanical Property	Mixing	China
10	27	Nong Zhang	Dynamic Coordination Mechanism of Paste Strength and Roof Load for Gob-side Entry Retaining	Paste Backfill (Metal or Coal Mines)	China
11	35	Wentao Lan	The study of low cost and high strength paste filling material with solid waste	Paste Backfill (Metal or Coal Mines)	China
12	37	Weijian Yu	Cooperative control mechanism and control effect analysis of coal seam backfill mining	Paste Backfill (Metal or Coal Mines)	China
13	42	Ryan L. Veenstra	Using Mount Heaney lead slag to produce a cemented backfill	Paste Backfill / Case studies	Australia

Serial Number	Abstract Number	First author	Title	Topic	Country
14	44	Haiyong Cheng	Experimental Study on Thixotropic Behavior of Paste	Rheology	China
15	47	Timothy J Kealy	Assessment of on-line rheology as a control tool for thickened tails	Rheology/Slurry Transport	Australia
16	51	Lei Zhang	Flow characteristics of paste slurry under the condition of low atmospheric pressure in high altitude areas	Rheology	China
17	52	Adrian Knight	Variability of Shear Yield Stress – Measurement and Implications for Mineral Processing	Rheology	Australia
18	56	Hui Li	Study on Paste Pipeline Transportation Technology for Chambishi Copper Mine	Slurry Transport	Zambia
19	60	Hein Krimpenfort	The largest Piston Diaphragm Pump in the world: from drawing board to operational experience	Slurry Transport	Germany
20	61	Andres Ortiz	Pumping System Design Challenges for High-Density Iron Ore Tailings with Highly Variable Slurry Rheology	Slurry Transport	Australia
21	63	Tim Fitton	Avoiding large tailings dams without going underground – Robinsky’s thickened tailings concept	Tailings Disposal	Australia
22	64	Fangqiu Gu	Challenges Associated with the Design of a Dewatering Plant that will undergo a Large Increase in Tailings throughput during the Initial Years of the Project	Thickening/water recovery	Canada
23	65	Raymond Guang	Application of in-line polymer addition for tailings disposal – learning and challenges part II	Case studies	Canada
24	66	Lewis Utting	Uncertainty ranges in estimating e_0 and low-density consolidation characteristics for polymer treatment assessments	Thickening/consolidation	Australia
25	68	Sue Longo	Paste Technology – Not Just for Mining Anymore	Tailings Disposal/Thickening	Canada
26	69	Lei Guo	Design and Construction of Paste Filling and Paste Stockpiling United Disposal System in Baiyinchagan Polymetallic Mine	Tailings Disposal	China

Serial Number	Abstract Number	First author	Title	Topic	Country
27	72	Yueguang Che	Pilot Plant Study of Dry-type Deposition of Baogang West Mine Paste Tailings	Tailings Disposal	China
28	74	Xiaobo Chen	Operation Practice of High Density Tailings Stacking	Tailings Disposal	China
29	77	Chris Lee	An Examination of Improvements in Co-disposal of Waste Rock with Backfill	Co-disposal	Canada
30	79	Mingqing Huang	Mix proportions and properties of cemented paste backfill with extra-fine unclassified iron tailings	Paste Backfill (Metal or Coal Mines)	China
31	82	Shenghua Yin	Research on deformation properties of cemented sulfur-content tailings backfill	Testing	China
32	85	Diyuan Li	Strength and transportability of cemented phosphogypsum paste backfilling slurry	Slurry Transport	China
33	88	Shaoyang Yan	The measurement of yield stress of unclassified tailings paste in a mine based on the L-Box method	Testing	China
34	94	Mika Kosonen	Performance optimization of paste thickening	Thickening	Fineland
35	95	Jerold Johnson	Feedwell is the Heart of a Thickener	Thickening	USA
36	105	Behnam Pirouz	Thickener performance variability: Underflow Solids Concentration and Flowrate	Thickening	Australia
37	108	Peter Peschken	Backfilling of pastes and long distance transport of high density slurries with double piston pumps	Pumping	Germany
38	109	Ji Jiang	Application of paste backfill technology based on gravel and unclassified tailing in Axi Gold Mine	Paste Backfill / Thickening	China
39	117	Xiaohui Liu	Study on the friction losses of classified tailings slurry based on loop pipe testing	Slurry Transport	China

Serial Number	Abstract Number	First author	Title	Topic	Country
40	120	Paweł Stefanek	Surface Tailings Disposal at the Żelazny Most TSF, Today and into the Future	Tailings Disposal	Poland
41	121	Juanhong Liu	Bleeding Characteristics and Improving Mechanism of Self-flowing Tailings Filling paste with Low Concentration	Chemicals	China
42	123	Ryan Salter	Optimising cemented paste fill at Darlot Gold Mine through the use of BASF product MasterRoc 505C	Case studies	Australia
43	124	Xiaocong Yang	Mechanics of Mine Backfill and Its Application	Paste Backfill	China
44	125	Zhiqiang Yang	Research Progress of Backfill Key Technologies for Deep Resources Mining in Jinchuan Nickel Mine	Paste Backfill	China
45	126	Pengliang Liu	Technology and practice of mechanized backfill mining for water protection with aeolian sand paste-like	Paste Backfill	China