

## **'Metallurgical Optimization Through Biomineralization'**

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Sustainable development is one of the industrial and government buzzwords that is re-focusing attention on the mining industry. New technologies are emerging that will add benefit in increased resource recovery as well as innovative environmental remediation in closing or historic mine properties. Pintail has developed biotechnologies that target environmental issues in metal re-mineralization and reactive mineral passivation as well as mineral bio-alteration for enhanced gold production. This presentation will discuss some of Pintail's technologies developed and demonstrated for metal biomineralization and mineral alteration.