

The SD Mines GEOL/GEOE/PALEO Seminar Series

In association with

Mining Engineering & Management and Metallurgy Departments

present

High-Pressure Slurry Ablation

**A size reduction/liberation technology
for mining and reclamation**

Greyson Buckingham, Disa, LLC

High-Pressure Slurry Ablation (HPSA), is a size reduction/liberation technology with both mining and reclamation applications.

In HPSA, particle breakage is achieved through intense particle-to-particle and particle-to-plate collisions by way of a high-pressure pumps moving slurry through a set of nozzles. Disa's HPSA process is unique in that it efficiently disassociates composite materials into the material's discrete subfractions. By disassociating composite materials into that material's discrete subfractions, HPSA makes individual subfractions amenable to mechanical isolation.



Greyson Buckingham is President and CEO of Disa, LLC.

4:00 p.m., Wed, September 16, 2020

Online only – Zoom meeting

<http://www.sdsmt.edu/GGE-seminar>