

## Rocky Mountain INFORMS: April 28, 2022

The Rocky Mountain INFORMS Chapter is pleased to host Professor Andrea Brickey. She holds a B.S. in Mining Engineering from South Dakota School of Mines and Technology, a post-graduate diploma in Management Processes from the University of Cape Town, and PhD in mining and earth systems engineering from Colorado School of mines. Her research is focused on operations research applications in mining, mine planning, mine scheduling, mine design, and mineral economics. She is a Registered Professional Engineer in South Dakota and Colorado and a Qualified Person in Ore Reserves and Mining Engineering through the Mining and Metallurgical Society of America. She has extensive experience domestically and internationally in developing feasibility studies and evaluations of mineral properties.



**Title** The history of mine production schedule optimization: How far have we come and where are we going

**Abstract** New advances in both computational power and algorithms have brought opportunity to production schedule optimization research. This presentation will provide an overview of the history of mine production schedule optimization, along with a discussion of current research focus and challenges..