

Technical Program

PROGRAM CHAIR

Hal Richins
ASARCO, Tucson, AZ

MONDAY, DECEMBER 3

Morning Sessions: 9:30–11:30AM

ENVIRONMENTAL

Chair: *Martin E. Carlson*
CDM

- **Erosion and Sediment Control BMP's for Disturbed Sites:** *Randy L. Huffsmith, CDM*
- **Mining for Closure:** *David Krizek, Tetra Tech*
- **Sustainability In Mining:** *Krishna Parameswaran, ASARCO, LLC*
- **The Business Management System – A New Benchmark for Business Excellence:**
Mike Bunch, Pima County Waste Water Management

GEOLOGY

Chair: *Jan C. Rasmussen, Ph.D., R.G.*
Arizona Mining and Mineral Museum Department
of Mines and Mineral Resources

- **Application of Reflection-Seismic Method to Leached Cap Exploration over Porphyry Copper Deposits:** *Jim W. Cooksley, Cooksley Geophysics Inc.*
- **Geology of the Rosemont Copper – Molybdenum-Silver Deposit, Pima County, Arizona:** *Mike Clarke, Augusta Resource*
- **Progress Report on Two Porphyry Copper Plays in Arizona: Troy Ranch in Central Arizona and Yuma King in West Central Arizona:** *Stanley B. Keith, MagmaChem Exploration*
- **Uranium Mining in the Southwest: An Update**
Steve Glass, Blue Rock Energy Corp.

SAFETY

Chair: *Bob Altamirano*
PD North America Mining, FMI

- **Success in New Mine Start Up:** *Stacy Kramer*, Phelps Dodge Safford Inc.
- **Emerging Health and Safety Issues in the Mining Industry:** *Charles Doane*, Freeport McMoRan
- **Mechanical Dripline Piping System:** *Eric Kramer*, Phelps Dodge Resource Management Division
- **Emerging Construction Health and Safety Challenges:** *Daniel Warter*, Aker Kvaerner Industrial Constructors Inc.

Afternoon Sessions: 1–3PM

METALLURGY

Chair: *Trey Boley*
Cognis Corporation

- **Carlota Copper Project:** *Edward Bilson*, Carlota Copper Company
- **Implementation and Analysis of Proper Leach Practices at Phelps Dodge Bagdad:** *Simon Joy*, Phelps Dodge Bagdad
- **Factors that Influence Chemical Loading of Iron on Oxime Reagents:** *Stephen Peabody*, Cognis Corporation
- **Ten Years of Leach/SXEW Operations at ASARCO Silver Bell Mining, LLC:** *Wendy Gort*, ASARCO Silver Bell

MEXICO

Chair: *Raul Herrera*
Mexicana De Cananea

- TBA
Jesus Gutierrez, Cobre Del Mayo – Piedras Verdes
- TBA
Jose Luis Noyola, Penoles – Milpilllas
- TBA
Manuel Encinas, Grupo Frisco – Minera Maria
- TBA
Moises Encinas, Southern Copper – Mexicana De Cananea

MINING

Chair: *Mark Baker*
Check Mark Consulting

- **Business Improvement:** *Remi Aquila*, Modular Mining Systems
- **Data Mining – Mining Tire Data:** *Sean Dessereault*, University of Arizona
- **The Ardvac Fully Autonomous Drill:**
Steve Williamson, Freeport McMoRan
- **Condition Monitoring of Mining Equipment:**
Tim Siekmann, Caterpillar Global Mining

Closing Session: 3:00 PM

NEW PROJECTS

Chair: *Graham Cooper*
Process Technology Center, FMI

- **Safford Mine Progress:** *Baltazar Bermudez*
- **Restart of the Morenci Concentrator:**
J. Fernando Rodriguez