

2007

**Annual Meeting
of the**



**ARIZONA
CONFERENCE**

DECEMBER 2-3, 2007

**Hilton El Conquistador
Golf and Tennis Resort
Tucson, Arizona**

www.smenet.org



SME Hotel Reservation Form

2007 Arizona Conference
December 2-3, 2007

- Submit only one request on each form. Additional forms may be obtained by photocopying this sheet.
- All reservation requests must be processed through the Hilton El Conquistador.
- To change your arrival or departure date or the type of room requested, contact the hotel at (520) 544-5000.
- **To ensure availability and quoted rates, reservations must be received by November 2, 2007.**
- Rates are subject to applicable taxes.
- First nights room and tax deposit will be charged at the time of booking.

MAIL HOTEL RESERVATION FORM TO:
Reservations Manager • Hilton El Conquistador
10000 N. Oracle Rd. • Tucson, AZ 85704

FAX RESERVATIONS TO: (520) 544-1224

PHONE RESERVATIONS: 800-325-7832
(Ask for the SME Room Rate)

Name _____

Employer _____

Address _____

City _____ State _____ Zip _____

Country _____

Phone # _____

Arrival Date _____ Time _____ AM/PM

Departure Date _____

Name(s) of person(s) sharing room:

Check Type of Room and Rate

Single \$85

Double \$95

Please indicate if you have any special needs.

Payment: (to guarantee reservations)

Credit Card _____

Card Number _____

Exp. Date _____

*Signature _____

*Form will not be processed without signature if paying by credit card.

General Information

REGISTRATION

Sunday, December 2 2:00PM – 5:00PM

Monday, December 3 8:00AM – 2:00PM

COMMITTEE MEETING

Sunday, December 2

Board of Directors 1:00PM – 3:00PM

PROGRAM

Monday, December 3

Keynote Session 8:30AM – 9:00AM

Keynote Speaker: Joseph Lapinsky

CEO and President, ASARCO

Distinguished Lecture Luncheon . . . 11:45AM – 1:00PM

Distinguished Lecturer: Leigh Freeman

General Manager, Downing Teal

Technical Sessions 9:30AM – 11:30AM

1:00PM – 3:00PM

3:00PM – 5:00PM

HOSPITALITIES

Vendors are encouraged to host hospitalities after 5:00PM on Monday, December 3, 2007.

BADGES

Identification badges may be picked-up at the Registration Desk for all pre-registrants. Badges should be worn at all technical, business and social events.

CONFERENCE ACTIVITIES

All conference activities will be conducted at:

Hilton El Conquistador Golf and Tennis Resort

10000 N. Oracle Rd. Phone: 520-881-4200

Tucson, AZ 85704 Fax: 520-544-5000

CONTACT INFORMATION

Society for Mining, Metallurgy, and Exploration, Inc., 8307

Shaffer Parkway Phone: 303-973-9550 800-763-3132

Littleton, CO 80127 Fax: 303-979-3461

E-mail: meetings@smenet.org

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 Ardvarc 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

Be recognized and show your support at the SME Arizona Conference by becoming a **SPONSOR!**

Sponsorship opportunities are still available. Please contact SME today!

Phone: 303-948-4216

Email: meetings@smenet.org



Registration Form

2007 Arizona Conference
December 2-3, 2007

MAIL FORM AND PAYMENT BY NOVEMBER 2, 2007

TO: Meetings Dept.

Society for Mining, Metallurgy, and Exploration, Inc.

8307 Shaffer Parkway • Littleton, Colorado 80127

OR FAX TO: (303) 979-3461

ONLINE: www.smenet.org

REGISTRANT

Name _____

Title _____

Employer _____

Address _____

City _____ State _____ Zip _____

Country _____ SME/AIME Member # _____

Employer's Phone _____

FAX: _____

E-mail: _____

SPOUSE OR GUEST

Name _____

City _____ State _____

REGISTRATION FEES (Paid registrations include Monday Luncheon)

<i>(Check one)</i>			Prior to	After	
			11/2/07	11/2/07	
<input type="checkbox"/>	SME/AIME Member	M	\$90	\$115	\$ _____
<input type="checkbox"/>	Nonmember Author	AT	\$90	\$115	\$ _____
<input type="checkbox"/>	Nonmember	NM	\$105	\$130	\$ _____
<input type="checkbox"/>	Student	S	\$-0-	\$-0-	\$ - 0 -

SOCIAL FUNCTIONS

(#Tickets)

Monday, December 3, 2007

<input type="checkbox"/> Attending Luncheon	T	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> Additional Luncheon Tickets	L	\$40	\$ _____
<input type="checkbox"/> Student	LS	\$25	\$ _____

Check for special needs. **TOTAL** \$ _____
Please specify: _____

PAYMENT

American Express Discover MasterCard Visa

Check or Money Order Enclosed Exp. Date _____

Card Number _____

Signature _____

NO REFUNDS AFTER NOVEMBER 2, 2007

Keynote Session

Monday, December 3, 2007
8:30–9AM

Joseph Lapinsky

ASARCO CEO and President

“ASARCO: Past, Present and Future”

In July of 2006, Joseph F. Lapinsky was appointed to serve as ASARCO’s Chief Executive Officer and President. Mr. Lapinsky, 58, previously served as President and CEO of Republic Engineered Products, Inc., a manufacturer of value-added, engineered steels for the international vehicular, industrial equipment, aircraft and forging markets. During his time at the Republic and its predecessor, Republic Technologies International, Mr. Lapinsky was responsible for the leadership of a number of operating and strategic initiatives including the turnaround of unprofitable business units, the integration and rationalization of separately acquired companies, the implementation of cost reduction programs and the restructuring of labor agreements to meet competitive industry conditions. Additionally, Mr. Lapinsky guided Republic through bankruptcy to a leading market position in its category in North America with record profits and a debt-free balance sheet. He has over thirty years of experience working in all aspects of the metals industry. He holds an MBA from Youngstown State University in Ohio, a Masters in Industrial Relations from West Virginia University and two undergraduate degrees in Business and Engineering.

Distinguished Lecturer Luncheon

Monday, December 3, 2007
11:45AM – 1:00PM

(Included in the Registration Fee.)

Leigh Freeman

General Manager, Downing Teal

“Lemonade from Lemons: Creating a Business Advantage with Diminishing Talent”

Mr. Freeman has a broad perspective of the mining industry. Over the course of his eclectic career he served in technical, managerial and executive positions with junior and senior mining companies. He has extensive domestic and international experience. This experience includes exploration, project development, and production. Mr. Freeman is the General Manager and a Principal in Downing Teal Inc., a global recruiting company serving the resource industries. His passions include innovation, the business of mining, sustainable development, and talent for the mining industry including university-level minerals education.