

## Call for Papers Announced For FSCT Annual Meeting

The Federation of Societies for Coatings Technology (FSCT) has issued a Call for Papers to be considered for the FSCT 81st Annual Meeting Program, to be held at the Pennsylvania Convention Center, Philadelphia, PA, November 12–14, 2003. Held in conjunction with the International Coatings Expo (ICE), the program will feature a variety of sessions on technical work in the industry. The theme for ICE 2003 is “Spirit of Innovation.” Deadline for submitting abstracts is February 3, 2003.

The technical program committee, chaired by Dr. Raymond H. Fernando of Cal Poly State University, San Luis Obispo, CA, is soliciting presentations in:

- Technology Transitioning
- Environmental Stewardship
- Non-polluting Coatings
- Recycling of Paint
- Application Variances
- Consumer Impact on Technology Trends
- High Throughput Screening/Combined Techniques
- Molecular Modeling
- Efficient Use of the Internet
- Other Advances Pertinent to the Spirit of Innovation

Prospective authors should provide a 75–100 word abstract by February 3, along with contact information (author(s), company, address, phone, fax and e-mail) to: Rod Moon, director of education, FSCT, 492 Norriston Rd., Blue Bell, PA 19422-2350; FAX: 610-940-0292; e-mail: rodm@coatingstech.org).

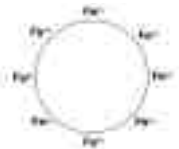
## Call for Papers Issued For Anodizing Conference

The Aluminum Anodizers Council (AAC) has issued a Call for Papers for its 12th Annual International Anodizing Conference, scheduled for September 8–11, 2003, at the Grand Hyatt, San Francisco, CA. The Council is seeking technical papers covering a range of anodizing-related subjects to ensure that delegates are offered the most innovative and

## Test Your Plating I.Q. #380

By Dr. James H. Lindsay, AESF Fellow

### Plating Chemical Formulas—Name the Chemical

1.  $\text{Ni}(\text{CH}_3\text{COO})_2 \cdot 4\text{H}_2\text{O}$  \_\_\_\_\_
2.  $\text{Ni}(\text{SO}_3 \cdot \text{NH}_2)_2$  \_\_\_\_\_
3.  $\text{NaK}(\text{C}_4\text{H}_4\text{O}_6) \cdot 4\text{H}_2\text{O}$  \_\_\_\_\_
4.  $\text{H}_2\text{C}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$  \_\_\_\_\_
5.  $\text{H}_3\text{C}_6\text{H}_5\text{O}_7 \cdot \text{H}_2\text{O}$  \_\_\_\_\_
6.  \_\_\_\_\_

Answers on page 45

timely information available. Papers will be selected based on criteria such as relevance, originality, quality, accuracy, practicality, usefulness, and non-commercial tone and content.

Papers can address key topics likely to be of interest to all registrants, as well as a number of specific-interest presentations for six “focus sessions” to be conducted over the two days of the program.

The initial deadline for submitting abstracts is January 10. Abstracts will be reviewed by the Council's Program Planning Committee and evaluated at a meeting in February.

Those interested in submitting a paper can visit the AAC website ([www.anodizing.org](http://www.anodizing.org)) to view a list of topics addressed at past conferences, and those suggested from conference evaluation forms. Business issues, anodizing processes, environmental guidelines, metallurgy, and waste management are some of the topics listed.

## Electrocoat Association Adds Two Members to Board

The Electrocoat Association, Cincinnati, OH, recently elected two new members to its board of directors. Elected were Mark Rizzone, Koch Membrane Systems, Ann

Arbor, MI, and Roy Boldsberry, DuPont Performance Coatings, Troy, MI. Both were elected to three-year terms.

## Papers Invited for Extrusion Technology Seminar

The Extrusion Technology for Aluminum Profiles Foundation (ET Foundation) has issued a Call for Papers for the eighth International Aluminum Extrusion Technology Seminar (ET 04). Presentations will address topics related to aluminum extrusion, such as new processes or techniques, new equipment, product developments and applications, metallurgical and manufacturing research, and emerging technology.

The deadline for abstracts is January 30, 2003. Authors will have until June 30, 2003 to submit the full technical paper, if the abstract is accepted by the seminar committee.

ET papers range from operational to scientific, and embrace both practical and theoretical subjects. Presentations from about 150 authors, including world-renowned aluminum extrusion experts, are expected at ET 04.

For information, contact the ET Foundation (phone: 847-526-2010; FAX: 847-526-3993; e-mail: [mail@etfoundation.org](mailto:mail@etfoundation.org); Website: [www.etfoundation.org](http://www.etfoundation.org)).

## Company News

Shipley Company, LLC, Marlborough, MA, has announced a partnership for low K1 lithography imaging with Numerical Technologies, Inc., of California.

Under the terms of the agreement, the companies will work to optimize resist performance for use with alternating aperture phase-shift masks (AAPSM)—initially using 248 nm lithography equipment—for feature sizes of less than 100 nm. The joint activity is designed to further develop processes for advanced system-on-chip, memory and logic devices. It is expected to yield a more comprehensive understanding of materials optimization for this mask technology.

Numerical Technologies, Inc., provides sub-wavelength lithography-enabling technology, develops and markets proprietary technology, software tools and services that enable the production of sub-wavelength integrated circuits (ICs).

Shipley Company, LLC, specializes in electronic materials and process technology development. As part of the Rohm and Haas Company Electronic Materials Business Group, Shipley delivers innovative technologies across a broad range of applications. These applications include advanced circuit board technology, semiconductor manufacturing and advanced packaging.

Fanta Equipment Company, Cleveland, OH, has reached an agreement with Enthone, Inc., a Cookson Electronics company, to be the exclusive licensee of its proprietary Udylite plating equipment in the Americas. The license is for metal finishing machines that have been designed, engineered, manufactured and sold by Fanta. The company will supply turnkey plating systems and replacement parts, as well as service and support.

Fanta will service and support all Udylite equipment built during the last 50 years, including replacement parts. Fanta Equipment has been servicing the metal finishing industry since 1974.

GE Power Systems, Atlanta, GA (a division of General Electric Company), and Osmonics, Inc., have announced an agreement to merge Osmonics into a wholly-owned subsidiary of GE in a stock and cash transaction. Osmonics, located in Minnetonka, MN, is a manufacturer and marketer of high technology water purification and fluid filtration, separation and handling equipment.

The merger, which is subject to approval of shareholders and other conditions, is expected to be completed during the first

## In Memoriam

**Marvin McClatchey**, 86, founder of Southern Aluminum Finishing Co. (SAF), Atlanta, GA, died in November. He spent most of his adult life guiding his company from a small finishing jobshop to a full-service aluminum finishing center offering painting and anodizing, as well as extensive fabrication services. He retired from the company in 1988.

His employees remember McClatchey as an inspirational leader. An example was his leadership following a fire that completely destroyed the plant in 1954. The next day, McClatchey led the employees to begin cleanup and reconstruction. No one lost a single day's work, and the plant began anodizing again in six weeks.

Prior to starting SAF, McClatchey was a metallurgist at Alcoa Aluminum (1937–1940).

**Professor R.A. Kaischew**, a distinguished representative of the European Academy of Surface Technology (EAST) and Bulgarian Science, died in November. His theoretical and experimental investigations on the thermodynamics and kinetics of new phase formation and growth gained wide international recognition. They were important in the development of a wide field in physical chemistry.

Professor Kaischew was the recipient of numerous national and international awards. He was the first recipient of the EAST Award.

quarter of 2003. Osmonics will be integrated with GE Water, a unit of GE Power Systems.

Petroferm Contract Services Inc. (PCSI), Franklin, KY, has earned registration for ISO 14000 Environmental Management System.

A subsidiary of Petroferm, Inc., the company offers outsource parts cleaning services for all sectors of manufacturing, including electronics and precision cleaning industries. The facility also offers an outsource sorting, inspection and packaging service. Cleaning capabilities include aqueous, semi-aqueous, and solvent degreasing.

Atotech USA, Inc., is relocating its U.S. electronics and support functions from State College, PA, to its Americas headquarters in Rock Hill, SC. The company is also moving its Surface Treatment Technology organization from State College to Berlin, Germany over the next six to nine months.

Atotech says it is taking the action to improve its capability to support the U.S. PWB market through efficiencies and business synergies that result from having its units and operational support teams located at a single site, and to optimize global electronics development activities.

Atotech is investing in a new electronics technical facility in Rock Hill to provide ongoing support for the company's North American customers. The company says there will be no interruption in service levels to its customer base.

Chemetall Oakite, Berkeley Heights, NJ,

has announced a strategic partnership with DMP Corporation, Fort Mill, SC. DMP has more than 30 years experience with designing and manufacturing wastewater treatment systems. Chemetall Oakite provides specialty chemicals for a variety of industries, including the surface treatment market. It also markets proprietary chemistries for wastewater treatment.

Spectra Technologies, Dallas, TX, has signed a systems integrator project partner agreement with ABB, Inc., Fort Collins, CO. The agreement enables the two companies to offer their customers a combination of Spectra Technologies expertise in designing custom automation systems with ABB's technical resources and industrial robot capabilities.

Spectra Technologies is a full-service automation and material handling provider. ABB is a global provider of industrial robots and power automation technologies.

### Answers to I.Q. Quiz #380

1. Nickel acetate
2. Nickel sulfamate
3. Sodium potassium tartrate (Rochelle salts)
4. Oxalic acid
5. Citric acid
6. Ferrous wheel

**Editor's Note:** There was an error in the "Plating IQ" that appeared on page 64 of the December issue of *P&SF*. Question 1 should have read 1.00 A/dm<sup>2</sup> = ? A/ft<sup>2</sup> (It's not 10!), instead of 1.00 A/dm<sup>2</sup> = ? A/dm<sup>2</sup> (It's not 10!). The answer should have been 9.29 A/ft<sup>2</sup> and not 9.29 A/dm<sup>2</sup>.