# FSCT Offers Conference Presentations On-line

The Federation of Societies for Coatings Technology (FSCT), Blue Bell, PA, has added "Coatings Direct" to its on-line learning products. The program enables industry colleagues to access technical seminars without leaving their homes or offices.

Society officials say the program offers flexibility in course scheduling and location. Presentations at industry events are digitally recorded and offered individually, or as a complete package to subscribers. Participation is offered through a 30-day subscription, based on site, not individual usage.

For information on courses and fees, visit the FSCT website: www.coatingstech.org.

### **Company News**

ECI Technology, East Rutherford, NJ, has been named to Deloitte & Touche's prestigious "Technology Fast 50" Program for New Jersey, a ranking of the 50 fastest growing technology companies in the state. Rankings are based on the percentage of growth in fiscal year revenues from 1997–2001.

Winners of the 20 regional Technology Fast 50 Programs in the U.S. and Canada are automatically entered in the more



ECI President Marianna Rabinovitch is shown with Deloitte & Touches "Technology Fast 50" Award.

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## Test Your Plating I.Q. #377 By Dr. James H. Lindsay

### **Electricity for Platers**

- 1. Solution conductivity: Which of the following have high conductivity? Which have low conductivity?
  - a. Chloride
    - b. Concentrated sulfuric acid
  - c. Pure water
  - d. Phosphate
  - e. Hydroxide
  - f. Dilute sulfuric acid

2. Name three sources of direct current.

3. Name as many physical (non-chemical) design factors as you can that affect current distribution on a part. (Seven listed)

4. Electrical conductivity: Which of the following has the lowest conductivity?

- a. Silver
- b. Copper
- c. Steel
- d. Aluminum
- e. Gold
- 5. In a series circuit, the total resistance is the \_\_\_\_\_ of individual resistances, including the electrolyte, parts and rack contacts, among others.

Answers on page 34

advanced award category, which ranks North America's top 500 fastest growing technology companies.

ECI Technology is a manufacturer of analytical instruments for process control of electroplating solutions. The company provides proprietary analytical technology for producers of semiconductors and printed circuit boards.

Auto Technology Co. (formerly Atotech Equipment Division), Strongsville, OH, has acquired the assets of Unified Equipment Co. (formerly Udylite® Equipment Co.). All OEM parts for Udylite® plating machines are available from Auto Technology, a manufacturer of automatic plating equipment and corrosion test chambers. Polar Ware Company, Sheboygan, WI, and business investor David Sachse, have acquired the assets of Stoelting, Inc., Kiel, WI. The acquisition is the first in Polar Ware s nearly 100 year history.

A company spokesman said the Stoelting brand presence would be retained, and it will continue to do business under the Stoelting name. Sachse, a part-owner, will head the new addition.

Polar Ware is comprised of four businesses—Commercial Products, Process Equipment, Industrial Products, and Lewis Cleaning Systems.

Oberg Arizona, Chandler, AZ, a division of Oberg Industries, has added spot plating equipment to its state-of-the-art reel-to-reel



Oberg Industries new spot plating technology can provide precision spot plating on reel-to-reel metal strip.

plating operation. The technology allows Oberg to apply precious metal spot plating only where it is functionally required on the metal strip. Nearly any shape can be precisely applied to a critical area as small as 0.040 in. on the high speed line.

Oberg serves the aerospace, automotive, computer, electrical, electronic components, medical, and telecommunications industries.

GE Betz has opened a facility for regenerating membrane separation elements at its production complex in Bakersfield, CA. The proprietary process is designed for membrane elements that can no longer be cleaned effectively in the field, and would otherwise have to be discarded. The process restores performance, extends membrane life, and increases the time interval between cleaning.

The process can regenerate spiral wound, thin film, cellulose acetate reverse osmosis, ultrafiltration and nano filtration elements in a full range of sizes.

GE Betz is a supplier of specialty chemicals for the treatment of water, wastewater and process systems in industrial and commercial facilities.

Chemetall Oakite, Berkeley Heights, NJ, has upgraded its website (www.oakite.com) to offer information on, and answers to questions about technical metal processing, surface treatment, cleaning, and sanitizing. The site features a technical forum providing access to some of the top scientific and technical experts in the industry. As part of the Chemetall Group, Oakite shares information related to more than 1,200 registered designs and patents for metal processing and surface treatment.

The Petroferm, Inc. Contract Services

Division, Franklin, KY, has been recommended for ISO 9001:2000 registration. Contract Services offers outsource parts cleaning for all sectors of manufacturing, including the electronics and precision cleaning industries. The company also offers an outsource sorting, inspection and packaging service. Cleaning capabilities at the facility include aqueous, semi-aqueous, and solvent degreasing.

Greer Steel, Dover, OH, has upgraded its website (www.greersteel.com) to include to include more information on the company s capabilities, processes, equipment and company news. The company produces cold rolled strip steel to customer specifications, including low- and high-carbon alloys from 0.200 in. to 0.187 in. thick in grades from 1006 to 1095.

### Answers to I.Q. Quiz #377

- 1. High conductivity: a,e,f Low Conductivity: b,c,d
- 2. Batteries, rectifiers, motor-generators.
- 3. Contour of part Rack insulation Spacing of parts Shielding Current robbers Auxiliary anodes Bipolar anodes
- 4. c. Steel
- 5. Sum

## In Memoriam

**Jerry L. Stockdale**, 82, died September 3. A member of the AESF Indianapolis Branch for more than 40 years, he was a past branch president, and served on numerous committees. He remained active on the Audit Committee until his death. Along with the branch activities, he was also active in regional events and served on the Permanent Committee for the Tri-State Regional Technical Conference.

For more than 28 years, Jerry was a chemical engineer for the Naval Avionics Center. He retired in 1985. The Indianapolis Branch presented him with an Honorary Membership following his retirement. He was also an honorary faculty member of the Metals Engineer Institute.

Jerry was a World War II veteran of the U.S. Navy. He was a member of the American Legion, the Irvington United Methodist Church, the Brookside Masonic Lodge, and the Scottish Rite. He was a graduate of Ohio State University and Otterbein College.



**Carmine P. Nargi** died September 8, following a long battle with cancer. He was an AESF member for 30 years, affiliated with the New Haven Branch, and later with the Bridgeport Branch. Carmine was a dedicated employee of Enthone, West Haven, CT, for more than 40 years. He was a world-renowned technical authority, and was best known for his expertise in nickel. At the time of his death, Carmine was serving on four AESF committees, including Alloy Deposition, Decorative and Functional Finishing, Electroless Processing, and Plating on Plastics.