MONDAY, September 19 – AFTERNOON SESSIONS

1. Custom Coater Roundtable – 2:00 – 3:55 PM
   A. Liquid Coating Application in Today's Global Economy
   B. Growing Your Business Through Continuous Improvement
   C. The Powder Coating World - 2005
   D. Aluminum Pretreatment: Old Issues, New Developments
   E. Case Study: Conversion to a Compliant Aluminum Pretreatment System

2. Compliant Metal Finishing – 2:00 – 5:00 PM
   A. What is Porcelain Enamel? – 2:00 – 2:55 PM
   B. Introduction to Vacuum Deposition Processing – 2:00 – 5:00 PM
   C. Lean + Clean Manufacturing Overview* – 2:00 – 2:55 PM
   Speaker: John Soeka, CMTI/Purdue University
   D. Electrocoat Basics – 3:00 – 3:55 PM
   E. The Relationship of Electrodeposited Zinc & Zinc Alloy Structure on Subsequent Organic Coating – 3:00 – 3:25 PM
   F. Facing the Challenges of Surface Coating MACT Standards* – 3:00 – 4:55 PM
   Speaker: Thomas Rarick, KERAMIDA Environmental, Inc.
   H. UV Curing for Plastic Parts Coating – 8:30 – 11:30 AM
   I. Technical Conference Program

TUESDAY, September 20 – MORNING SESSIONS

13. Introduction to Powder Coating – Follow the Yellow Brick Road – 8:30 – 11:30 AM
15. Pretreatment General Session – 8:30 – 11:30 AM
   A. Trends in Pretreatment
   B. Troubleshooting Pretreatment Processes
   C. Alternative Pretreatment for Powder Coating
   D. Advances in Zinc Phosphating
   E. Impact of Surface Contamination on the Corrosion Performance of Clear Coats on Machined Aluminum Wheels
17. UV Curing for Plastic Parts Coating – 8:30 – 11:30 AM
   A. Overview of UV/EB Curing for Plastic Parts Coating
   B. Overview of Current Commercial Applications of UV/EB in Plastic Coatings
   C. UV Coatings & Adhesion to Plastic
   D. Application & Advantage of UV-Cured Clear Hardcoat for Plastics
18. Applications & Markets for Clear Electrocoatings – 8:30 – 9:25 AM
   Speaker: Paul Coty, Soy Technologies, LLC
23. The Future of VOC Regulations of Industrial Surface Coatings 10:30 – 11:30 AM
24. Adding E-Coat to an Existing Powder Line – 11:00 - 11:30 AM
25. Non-Hazardous Alternatives to Hexavalent Chrome for Aluminum – 11:00 - 11:30 AM

WEDNESDAY, September 21 – MORNING SESSIONS

26. POP! Powder Coating on Plastics – 9:00 – 9:55 AM
27. Leaning Out the Paint Shop – 9:00 – 9:25 AM
28. How to Design Porcelain Enameling Friendly Parts – 9:00 – 10:55 AM
29. Novel Electrolytic Ni/Phosphate – 9:00 – 9:25 AM
30. Vacuum Deposition by Sputtering – 9:00 – 9:55 AM
31. Corresponding the Physical Characteristics of UV Coatings to End Use Benefits – 9:00 – 9:55 AM
32. Importance of Powder Booth Filtration – 9:30 – 9:55 AM
33. Electrophoretic Coating Developments – 9:30 – 9:55 AM
34. Harry Powder and the Secrets of the Spray Booth – 10:00 AM – Noon
35. Purpose Specific Stripping – 10:00 – 10:25 AM
36. A Chemical Approach to Extend Electroless Nickel Solution Life – 10:00 – 10:25 AM
37. Challenges of Switching from Solvent to Water Reducible Coatings – 10:00 – 10:55 AM
38. UV Curing for Wood & Hardware Finishing – Part 1 – 10:00 AM - Noon
   A. Spray Applications for Wood & Metal
   B. The Basics of UV Coatings Formulation
   C. Vacuum Coating for Wood & Metal Substrates
   D. Low Energy 3-D Curing
40. Troubleshooting Plating Processes – 10:30 – 10:55 AM
41. Designing Effective Curing Processes to Meet Today's Production Needs – 11:00 AM - Noon

*A&WMA sponsored session
Technical Conference Program (Cont.)

Times and sessions subject to change - please check the Show Directory on-site for updated times and for room assignments.

42. Advances in the Bulk Electrocoating of Small Parts – 11:00 AM - Noon
43. Status Report on the Use of Trivalent Chromates – 11:00 – 11:25 AM
44. Vacuum Deposition by Evaporation – 11:00 AM - Noon
45. Review of Wastewater Treatment for Trivalent Chrome – 11:30 AM - Noon

WEDNESDAY, September 21 – AFTERNOON SESSIONS
46. Small to Mid Volume Powder Coating Systems – 1:00 – 3:00 PM
47. Emerging Technologies – 1:00 – 3:00 PM
   A. An Environmentally Friendly Non-Phosphate Conversion Coating
   B. Anti-Gas Additives for Powder Coatings
   C. New Low Temp Chemistries Yield Significant Pretreatment Energy Savings
   D. Electrostatic Isolation System for Spraying Water-Based Materials
   E. Optical Analysis of Spray Nozzles used in Coating Applications
   F. An Enhanced Pretreatment Performance on Ferrous Metals
   G. New Advances in Two Component Water-Borne Polyurethanes
   H. A Nickel-Free Process to Meet Today’s Performance Requirements in the Appliance Industry
48. In-House Electrocoating vs Outsourcing – 1:00 – 1:55 PM
49. Common Permitting Mistakes and How to Avoid Them – 1:00 – 1:55 PM
50. Features & Benefits of Different Coating Technologies – 1:00 – 1:55 PM
51. UV Curing for Wood & Hardware Finishing – Part 2 – 1:00 – 2:30 PM
   A. Introduction to UV Measurement
   B. Water-based Formulations for UV Curing Technology
   C. Choosing the Right Technology for Your UV Application
52. Dirt: Identification to Elimination – 2:00 – 2:30 PM
53. OSHA’s Chrome PEL Update – 2:00 – 3:00 PM
54. Arc Vapor Deposition – 2:00 – 3:00 PM
55. Marketing Your Custom Coating Business – 2:30 – 3:00 PM
56. Increased Capacity through Infrared Technology – 2:30 – 3:00 PM

THURSDAY, September 22 – MORNING SESSIONS
57. Today’s Fast Color Change Environment – 8:30 – 9:25 AM
58. Reducing Pretreatment System Costs – 8:30 – 8:55 AM
59. Physical Properties, Major Products and Basic Processing of Porcelain Enamel Coatings – 8:30 – 11:30 AM
60. Waste Reduction Rules & Remedies for Industrial Coating Users – 8:30 – 9:25 AM
61. New Developments in UV Technology – 8:30 – 11:30 AM
   A. UV Curing for Powder Coating: The Coater Speaks Out
   B. UV LED’s: Changing the Way UV Curing Works
   C. Robotic UV Curing for Complex 3D Parts
   D. UV Curing for Composites
   E. Microwave Multi-Lamp UV Technology
62. Spray Booth Audits* – 8:30 – 9:25 AM
63. Chrome Wars – 9:00 – 9:25 AM
64. Powder Coating Aluminum Extrusions – 9:30 – 11:30 AM
65. How to Set Up a Paint Defect Reduction System – 9:30 – 10:25 AM
   Speaker: Andrew Rudnik, A V Systems, Inc.
68. Advantages of Unlimited Recoatable Epoxies and Polyurethanes – 10:30 – 11:30 AM

THURSDAY, September 22 – 2:00 – 6:00 PM
PLANT TOURS
#1 - SELECO
Seleco provides selective electroless plating of plastic enclosures for EMI/RFI shielding and ESD protection.

*A&WMA sponsored session

To read a detailed description of each conference session and for any changes to the program, visit www.thecoatingshow.com and click on CONFERENCE PROGRAM.
## Exhibitor List as of May 5, 2005

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### EXHIBITION SHOW HOURS
- **Tuesday, September 20**
  - 10:00 AM - 6:00 PM
- **Wednesday, September 21**
  - 10:00 AM - 6:00 PM
- **Thursday, September 22**
  - 10:00 AM - 2:00 PM

### Company