



Program Guide

The Eastern Coatings Show 2015

June 1-4, 2015Trump Taj Mahal, Atlantic City, NJ





Robert Whiteley ECF Chair

Welcome to the Eastern Coatings Show!

n behalf the Eastern Coatings Federation Board and its member organizations, Metropolitan New York Coatings Association, New England Society for Coatings Technology and Philadelphia Society for Coatings Technology, we welcome you to the 2nd biennial Eastern Coatings Show.

At this conference, we will offer over 40 technical papers highlighting the latest new products and technologies, a trade show with over 120 exhibitors, plus various social events that take advantage of our unique location in Atlantic City, New Jersey.

Our goal with the Eastern Coatings show is to provide an environment for education, technical exchange and networking for suppliers and manufacturers. We encourage you to avail yourselves of all the activities offered, including the Monday night reception, Wednesday social activities and Thursday Keynote Speaker breakfast and panel discussion.

Enjoy the Show, and we look forward to seeing you again in 2017.

About the Eastern Coatings Show!

Mission and History

Hosted by the Philadelphia Society for Coatings Technology, the New England Society for Coatings Technology and the Metropolitan New York Coatings Association, this show is intended to offer educational and technical presentations to create a profound understanding of the theory, the science, the manufacturing and the marketing of coatings to highlight the improvement of coatings performance and functionality beyond traditional expectations.

The Eastern Coatings Show was established in 2013 and was warmly welcomed by the industry and it is our intent to exceed the quality and professionalism with the symposia and exhibit offerings of our second show.

Board of Directors

Robert Whiteley

ECF Chair

As one of the founding board members and President of the Eastern Coatings Federation, Bob Whiteley is currently the Executive Vice President at JNS-SmithChem in Paterson, NJ. With over 30 years' experience in the chemical industry, Bob has served various roles with raw materials manufacturers and distributors.

Prior to JNS-SmithChem, Bob served as vice president, global sales & marketing at Munzing, General Manager at Pan Technology and Director of Sales at BASF Corporation.

Bob currently serves on the board of the Metropolitan New York Paint and Coatings Association, where he chairs seminars on Green Technology and Sustainability. He holds an MBA degree from Fairleigh Dickinson University and a B.S. degree in chemistry from Lafayette College.

Loyd J. Burcham, Ph.D

Loyd Burcham is currently the R&D Group Leader at Stonhard in Maple Shade, NJ, developing new products for seamless polymer flooring. Before joining Stonhard in 2010, Loyd worked in the R&D department for Congoleum Corporation and prior to that at TFL USA/Canada.

He obtained his Ph.D. in Chemical Engineering from Lehigh University in 2000, and his B.Ch.E. from the University of Delaware in 1994.

He also serves as the Technical Chair for the Philadelphia Society for Coatings Technology (PSCT).

Daniel Canavan III

After beginning his employment with positions at Benjamin Moore, Dan went onto Sherwin Williams, in the New Jersey Paint Stores Group. In 1999, he joined D.B. Becker Co., Inc., where now serves as Vice President.

Dan's continued involvement within the coatings marketplace has significantly grown through his involvement with the Philadelphia Society of Coatings Technology (President 2012-2014), Polyurea Development Association (Board Member 2006-2008), and most recently, the Eastern Coatings Federation (2014).

Board of Directors

Shaun Julian

With over 14 years' experience in Sales and Marketing in the chemical industry, Shaun obtained a BS in Chemical Engineering from Villanova University and an MBA from Rider University. He went on to join E.W. Kaufmann in 2010 as Technical Sales Representative, primarily in the CASE market. Prior to E.W. Kaufmann, Shaun was with Halocarbon Products Corporation and before that with E.M. Sullivan Associates selling into the Coatings, Adhesives, Inks, Metal Working, and Construction industries.

Shaun is active in numerous technical organizations and was the Past President of the New York Society of Coatings Technologies and currently serves as Chair of the Board for the Metropolitan New York Coatings Association.

Rick Mazzariello

Rick Mazzariello is President and Founder of Enrichem Specialities representing several specialty additive suppliers to the Coatings Industry. He has over 40 years of experience in the chemical industry and has held a variety of sales, marketing and business management positions for Union Carbide, BF Goodrich and other specialty chemical manufacturers and distributors.

He is a Past President of the Metropolitan New York Coatings Association and continues as a member of its' Board of Directors and the Board of the New England Society for Coatings Technology. He is also a member of the American Coatings Association and the Philadelphia Society for Coatings Technology.

William Nicholas

Currently the Sales Manager for DB Becker Co., Inc., Bill earned a BS in Biology from Salve Regina University ('03), and is currently seeking his MBA. Bill began his career in Bio-tech with Bayer and Amgen.

In 2005 he joined the DB Becker Company and has spent the past 9 years in the chemical industry, all with DB Becker. Bill is a Past President of the New England Society for Coatings Technology, where he remains active today as a Chair Member of the NESCT.

C. Dale Pritchett

Dale Pritchett has been involved in magazine publishing for 29 years and is a graduate of the University of Miami where he majored in Music and Business.

He is currently the publisher of "Coatings World," "Ink World," "Coatings and Ink China" and "Printed Electronics Now" as well as the show daily newspapers for the CHINACOAT and the RADTECH Expositions.

He has been with Rodman Media for 19 years.

Dale is also a founding board member of the Metro New York Printing Ink Association and most recently, is part of the Eastern Coatings Federation (2014).

Carol Rosler

Carol is currently serving as a Technical Manager at Randolph Products Company in Chicopee, MA. Carol has been involved in the formulation and development of coatings for over 27 years.

She has a BS in Chemistry from Loyola College in Baltimore and a MA in Chemistry from Johns Hopkins University. Carol has worked for Farboil, Valspar, Jotun, Sigma and NCP Coatings formulating products for both the General Industrial market and for the U.S. Military.

Chuck Shearer

Chuck is currently an Applications Specialist at DSM Coating Resins specializing in Industrial Wood Finishes and UV-cure technologies. He is the group leader of the Industrial Coatings group in Wilmington, Massachusetts. Chuck holds a Bachelors degree in Chemistry/Biology from Annhurst College and has completed advanced Chemistry courses at Northeastern University in Boston.

Chuck is a past-President of the New England Society of Coatings Technolgy and currently serves as the New England representative on the American Coatings Association Liaison Committee.

Bruce Schimmel

Bruce Schimmel is the Director of Sales for Superior Materials Inc., a large regional distributor located in Garden City, NY. Bruce has been with Superior Materials for 4 years and is responsible for the sales activities in the Mid-Atlantic, New England & Midwest regions.

He has spent his entire career in the Paint & Coatings Industry (spanning 34 years) and currently serves as President for the Metropolitan New York Coatings Association and is also a board member for the Metropolitan New York Printing Ink Association.

Dave White

David White is Technical Manager Universal Colorants / Coatings Industry for Heucotech Ltd. and is based out of Fairless Hills, Pennsylvania. David has over 30 years' experience in colorants, dispersions and coatings and has held a variety of positions in production, research laboratories, and sales. His technical experience includes architectural and industrial coatings, arts and crafts, and plastisols.

He is a Past President for the New York Society for Coatings Technology and Metropolitan New York Coatings Association (MNYCA), Board member of the MNYCA, the PSCT and Technical Committee Chairman for Eastern Coatings Show. He also serves on an advisory board for the Waterborne Symposium.

Our Keynote Speakers



Robert C. Fry, Jr., Ph.D.

Robert C. Fry, Jr., Ph.D. Senior Economist, DuPont

Robert Fry will speak at the breakfast on June 2nd, 2015, at 8:00 AM. Mr. Fry, the Chief Economist at the Chemours Company (formerly DuPont Performance Chemicals), earned his B.S. in Economics at Ohio University and his Master's at Harvard University. Because of the accomplishments of Mr. Fry and his colleague, Bob Shrouds, the DuPont Economist's Office has been named among the top forecasters by The Wall Street Journal, USA Today, and Bloomberg. They have also won the prestigious Lawrence R. Klein Award for Blue Chip Forecast Accuracy, making DuPont the only three-time winner of this award.



Dee Schlotter

Dee Schlotter, Sr. Color Marketing Manager, North America *PPG Architectural Coatings*

Dee Schlotter is National Color Marketing Manager, North America, PPG Architectural Coatings. She manages the color platforms, merchandising, and systems through marketing, creative, and strategy for PPG's architectural paint brands: Olympic Paints sold at Lowe's; Glidden Paints sold at The Home Depot & Walmart; Ralph Lauren sold at The Home Depot; PPG Paints; PPG Pittsburgh Paints and PPG Porter Paints sold at stores and independent dealers, and Pittsburgh Paints & Stains sold at Menards. Dee also is a key member of the PPG Global Color Styling Team which meets annually to develop the color trends for all of PPG's business units, including automotive, consumer electronics, appliances, aerospace, and architectural. Dee started in technical services with PPG and then moved into professional program and product marketing roles for the independent dealer. She then worked at Lowe's and Menards, and launched the new Voice of Color(r) color system last year to more than 2,000 locations nationwide. Dee's educational background is a B.A. in English and Psychology; MS in Environmental Science. The interest in the environmental area helped in the launch of PPG first zero VOC paint, Pure Performance(R) and a relationship with Frank Lloyd Wright's Fallingwater(R). She has worked at PPG for 23 years.



Jeff Spillane

Jeff Spillane, Senior Manager, Training Implementation *Benjamin Moore & Co.*

Mr. Spillane began his career in the coatings industry working in a paint store in 1971 but joined the Benjamin Moore Company and, now, after thirty-nine years, he is part of the company's training group. In the course of his upward movement in the company, he has worn many hats beginning with the corporate office in Montvale, NJ, as a sales representative covering territories in Pennsylvania, New Jersey and New York. In 1994 he advanced to Coatings Engineer followed shortly after by attaining the status of a NACE Certified Coatings Inspector. He returned to corporate in 1999 as a Product Manager managing much of the Benjamin Moore Product Portfolio for thirteen years.

Meet The Special Panel Members



Dr. Christopher J. Wohl, Jr.

Dr. Christopher J. Wohl, Jr.

Dr. Wohl, who holds his Doctorate from Virginia Commonwealth University, is a senior research scientist in the Advanced Materials and Processing Branch at the NASA Langley Research Center in Hampton, VA. He has experience in a variety of fields including physical, polymeric, and organic chemistry, laser spectroscopy, kinetics, and surface and interfacial sciences. He has researched the generation, characterization, and modification of novel materials for adhesion mitigation involving surface engineering and self-organizing systems. He has also been involved with process identification and modification for surface preparation of adhesively bonded interfaces including both composite and metallic substrates. He is the author or coauthor of 19 reviewed journal articles, 34 other referenceable publications (conference proceedings), 12 invention disclosures and 5 patent applications. Dr. Wohl is the Co-Chair of NASA Langley's Potentially Hazardous Materials Committee which is responsible for creating policy related to hazardous materials and their handling on the center.



Dr. Frank L. Palmieri

Dr. Frank L. Palmieri

Frank L. Palmieri, Ph.D. is a Research Materials Engineer, AST, in the Advance Materials and Processing Branch (AMPB) of the NASA Langley Research Center. His research focuses on engineering and interfacial science with applications in the assembly of composite and metallic structures. He has most recently published work in the area of laser surface preparation of titanium, aluminum and epoxy composites for adhesive bonding. He was previously employed by the National Institute of Aerospace where he focused on high precision surface chemical and topographical modification for next generation bonding technologies. In 2008 and 2009, Dr. Palmieri worked in Wetzlar, Germany for The Photonik Zentrum Hessen to develop and produce nano-optical components using a nano-imprint lithography technique known as Step and Flash Imprint Lithography (S-FIL). Dr. Palmieri received his Ph.D. and B.S. degrees in chemical engineering from The University of Texas at Austin in 2008 and Virginia Commonwealth University in 2002, respectively. Dr. Palmieri's graduate research was advised by C. Grant Willson in the field of top-down, nano-fabrication technologies including semi-conductor microlithography and nano-imprint lithography with an emphasis on novel photoresist and imprint materials. Dr. Palmieri is an author on over 20 technical publications and 5 patents.

Drs. Wohl and Palmieri work together on several projects and independently on others, focusing on surface and interfacial science, predominantly adhesion promotion or prevention. One big task has been the generation of coatings for mitigation of surface contamination (foreign debris, insects, ice, etc.) in a variety of aerospace applications. They also work with surface modification of metal and composite surfaces for adhesion promotion. They are both involved in polymer synthesis and characterization. Dr. Palmieri has a strong background in lithography and Dr. Wohl has experience with various spectroscopic and laser techniques.



Valerie Sherbondy

Valerie Sherbondy

Valerie Sherbondy is a Senior Chemist for KTA-Tator, Inc., an independent consulting and engineering firm specializing in inspection, consulting and laboratory services for the protective coatings industry. Ms. Sherbondy is a leading expert in failure analysis and testing of paints and coatings. Working over 20 years in the paint industry, she has been involved with hundreds of paint and coating failure investigations and has analyzed or tested hundreds of different coating materials for use in the various segments of the industry, from architectural coatings to industrial coatings. Ms. Sherbondy has presented informational sessions and workshops for SSPC and NACE, as well as KTA training courses. Publications include articles in the Journal of Protective Coatings and Linings (JPCL) and a chapter in the Paint and Coating Testing Manual. She holds a BS in Chemistry and a BS in Business from the University of Pittsburgh and is an SSCP Certified Protective Coating specialist, a member of the American Chemical Society (ACS), The Society for Protective Coatings (SSPC), Pittsburgh Society for Coatings Technology (PSCT), American Society of Testing and Materials (ASTM) and a committee chair for NACE International



Dr. Jason Anagnostis

Dr. Jason Anagnostis

Dr. Jason Anagnostis is currently Vice President and General Manager of the automotive division at Absolute Coatings Inc. Prior to his current role, he has held positions as a senior scientist developing UV curable resins as well as performance and industrial lubricants. During his tenure at Benjamin Moore Paint, Dr. Anagnostis held various technical roles including Technical Director of the product lines acquired through acquisitions. He is currently a member of the Metro New York Coatings Board of Directors.



Monday

6:00 PM – 8:00 PM **Kick Off Reception**Sponsored By: BASF

Trade Show Exhibits Open - Exhibit Hall

Tuesday

June 2	Track 1 Grand Ballroom A	Track 2 Grand Ballroom C	
7:00 - 8:00 AM	Conference Breakfast Exhibit Hall Sponsored By Alberdingk Boley		
8:00 - 8:40 AM	KEYNOTE SPEAKER Sponsored By BASF Robert C. Fry, Jr., Ph.D., Senior Economist, DuPont		
	ADDITIVES Chair: Chuck Shearer Sponsored by BYK USA	CORROSION CONTROL Chair: David White	
8:40 - 9:10 AM	The Pursuit for the Perfect Coatings Finish Stuart Lipskin, BYK	Non-Toxic Anticorrosives: The Ever Evolving Pathway to Environmentally Friendly Coatings Andrew Thorn, Heucotech	
9:10 - 9:40 AM	Hybridized Polyamides Novel Water- borne Rheology Control Agents Sam Morell, SP Morell	Platy Aluminosilicate and Ultra Fine Wollastonite as Safe and Cost Effective Functional Barrier Fillers in Metal Anti- Corrosive Applications John Poulakis, Nyco Minerals	
9:40 - 11:00 AM	Coffee Break Exhibit Hall Sponsored By Van, Horn Metz		
	ADDITIVES Chair: Chuck Shearer	CORROSION CONTROL Chair: David White	
11:00 - 11:30 AM	New Environmentally Friendly, High Performing Fluorosurfactant Christina Marlier, EMD	Latest Developments in Nanotechnology: UV and Corrosion Protection Michael Coppola, BYK	
11:30 - 12 Noon	Controlling Wet Hiding with TiO2 Reduction Strategies in Architectural Coatings David Fasano, Dow	Use of Organic and Inorganic Corrosion Inhibitors in High Performance Coatings Anthony Toussaint, ICL/ Advanced Additives	
12:10 - 2:20 PM	Lunch Exhibit Hall Sponsored By Gelest, Inc.		



Tuesday Continued

	UV CURE Chair: Chuck Sheare	RESINS- URETHANE Chair: Loyd Burcham	
2:20 - 2:50 PM	Functional Filler Evaluations for Mat- ting & Performance Enhancements In Waterborne UV Curable Clear Coatings Kevin Rink, 3M	Development of Water-Soluble, Metal- Based Catalysts for Polyurethane Coat- ing Applications Brandon Parks, Reaxis	
2:50 - 3:20 PM	UV Cure Powder Coatings for Plastics Paul Mills, Plasmatreat North America	Creative Routes to High Solids, Low Viscosity Acrylic and Polyester Polyols for High Performance 2K Urethane Topcoats Zegui Yan, Hexion, Inc.	
3:20 - 3:50 PM	Coffee Break Exhibit Hall Sponsored By Van, Horn Metz		
	TESTING/ PERFORMANCE Chair: TBA Sponsored By Chromaflo Technologies Corp.	PIGMENTS Chair: Rick Mazzariello	
3:50 - 4:20 PM	Vapor Permeability of Air and Weather Barriers, A practical Approach to Measurement using ASTM E96 "B" Methodology Richard LeFevre, Dryvit Systems	Performance Coatings for Industrial Applications – Resins, Curing Process, & Colorants Romesh Kumar, Clariant	
4:20 - 4:50 PM	Navigating VOC Methods and Require- ments Around the Globe Jeremy Powers, Chromaflo	Value of Specialized TiO2 Grades for Flat Paints Tao He, DuPont	
4:50 - 5:20 PM	Highly Accelerated Environmental Degradation Testing of Coatings Doug Vermillion, EYE Applied Optix	New Reds – Pigment Innovation- Gary Balint, Lanxess	
5:20 - 5:50 PM	US Trade Remedy Laws Daniel Pickard, Wiley Rein LLP	Isoindolinone C.I. Pigment Yellow 110 - Red Shade Yellow Pigment for Industrial and Architectural Coatings Jadel Baptista, Lansco	

Schedule



Wednesday

June 3	Track 1 Grand ballroom A	Track 2 Grand ballroom B	Track 3 Grand ballroom C
7:00 - 8:00 AM	Conference Breakfast Exhibit	Hall	•
8:00 - 8:40 AM	KEYNOTE SPEAKER Sponsored By BASF Dee Schlotter Sr. Color Marketing Manager, North America PPG Architectural Coating		
	FUNCTIONAL FILLERS Chair: Chuck Shearer Sponsored by E.W. Kaufmann	EXTERIOR COATINGS Chair: Rick Mazzariello	RESIN- EPOXY Chair: Loyd Burcham
8:40 - 9:10 AM	Use of Tailor Made Silica to Enhance Coatings Robert Lin, Evonik	Weathering the Elements – Why Real World Data is Criti- cal in Developing Polymers for the Exterior Market Linda Adamson, Dow	Epoxy Systems with Mark- edly Enhanced Properties Dr. Gerald Vandezande, 1st Source Research Inc.
9:10 - 9:40 AM	Nepheline Syenite Functional Fillers for High Solids, Industrial, Powder and Clear/UV Coatings Scott Van Remortel, Unimin Specialty Minerals Inc.	Meeting Evolving Demands of Exterior Architectural Coatings Kaliappa Ragunathan Ph.D., BASF	Enhancing Epoxy Coat- ings with Environmentally Friendly Solutions Wolfgang Geuking, Croda
	GREEN TECHNOLOGY Chair: TBA	ANTI-MICROBIAL Chair: Rick Mazzariello	RESINS- SILICONE/PERFOR- MANCE Chair: Shaun Julian Sponsored By D.B. Becker Co., Inc.
9:40 - 10:10 AM	Green Approach to Wood Floor Finishes David Folkman, Alberdingk Boley	Relevant Preservative Testing: The Importance of Robust Microbial Chal- lenge Testing to Mimic Paint Manufacturing Conditions Beth Ann Browne, Ph.D., Dow Microbial Control	FEVE Resin Technology: Performance Properties Beyond Ultra-Weatherability Bob Parker, AGC Chemicals
10:10 - 10:40 AM	New Ultra-Low VOC Coalescent Derived from Bio-Renewable Sources from ADM Evolution Chemicals Bill Leightner, ADM	Preservatives: Getting the Balance Right Phil Reitano, Prom	Novel Silicone Resin Tech- nology for High Tempera- ture Applications Brian Casey, Evonik
10:40 - 11:10 AM			Improving Performance Of Epoxy-Polysiloxane Coat- ings Constantine (Dean) A. Kon- dos, Momentive Performance Materials
11:10 - 12 Noon	Coffee Break Exhibition Hall Sponsored By: Van, Horn Metz		
1:00 - 5:50 PM	Recreational Activities		

Schedule



Thursday

June 4	Track 1 Grand Ballroom A	Track 2 Grand Ballroom C	
8:00 - 9:40 AM	Sponsored By The Dow Chemical Company With support from Van Horn, Metz Featuring Keynoter and Q and A Panel Session Keynoter: Jeff Spillane, Senior Manager, Training Implementation Benjamin Moore & Co. Panel for Coatings Q and A. Christopher Wohl, Jr Ph.D., Senior Research Scientist, NASA Frank Palmieri, Ph.D., Research Materials Engineer, AST, NASA Valerie Sherbondy, Senior Chemist, KTA-Tator, Inc. Jason Anagnostis, VP and General Manager, Automotive Division, Absolute Coatings, Inc. Topic: The Science Behind New Industrial Coatings Demands and Application Evaluation (Grand Ballroom B)		
	GENERAL Chair: Chuck Shearer	FUNCTIONAL FILLERS Chair: Rick Mazzariello Sponsored By Lonza, Inc	
10:00 - 10:30 AM	Lab Chemist 101- Everything You Need to Know Whether You are a New Lab Tech or a 20 Year Veteran Dave White, Heucotech	The Use of Pumice in Paints & Coatings Fred Marshall, CR Minerals	
10:30 - 11:00 AM	Choosing the Right Grinding Media Daniyel Firestone Norstone Inc.	Kaolin - A Versatile Extender for Paints Ashok Khokhani, BASF	
9:40 - 11:00 AM	Coffee Break Exhibit Hall Sponsored By Van, Horn Metz		
	GREEN TECHNOLOGY Chair: David White	ANTI-MICROBIAL / DEFOAMERS Chair: Rick Mazzariello Sponsored By The M.F. Cachat Company	
11:00 - 11:30 AM	Protecting the Environment Green Additives for the Coatings Industry David Torocsik, Borchers OM Group	Understanding Defoamer Performance in Low VOC Architectural Paints Jeanine Snyder, Air Products	
11:30 - 12 Noon	Using Green Solvents- The Bottom Line Dave Pasin, TBF Environmental Technol- ogy	Efficacy Of Dry Film Preservatives In The Real World Richard S. Valpey III, Ph.D., Troy	
	End of Conference		

Our Technical Presenters

In Order of Appearance



Stuart Lipskin

The Pursuit For The Perfect Coatings Finish

Stuart Lipskin began his career at the Rohm & Haas laboratories in 1973 and went on to work for Air Products and McWhorter in Sales and Marketing positions.

In 1981, beginning as a Technical Sales Representative for BYK USA, Stuart is now the Key Account Manager working with raw material suppliers developing partnerships for growth. He also provides technical sales support to the BYK USA distributors.

A graduate from Temple University with a B.A. in Science and an M.B.A., Stuart is the Past President of the Philadelphia Paint & Coatings Association and a long-term member of New York paint societies.



Andrew L. Thorn

Non-Toxic Anticorrosives: The Ever Evolving Pathway to Environmentally Friendly Coatings

Currently the Technical Marketing Manager Anticorrosives at Heucotech Ltd., Andrew received his B.S. Degree in Biology, from Purdue University, West Lafayette Campus in 1993.

Beginning as an analyst, the ensuing 20+ years had Andrew in sales, service and laboratory positions before attaining his current place at Heucotech, where he is primarily responsible for overseeing the promotion of Heucotech's— Heucophos Product Line for the domestic coatings market, as well as providing input for future global product developments. He received honorable mention for The John A. Gordon Best Paper Award, which he presented at the 27th Biennial Western Coatings Society Symposium and Show in Las Vegas, NV in November of 2005.



Sam Morrell

Hybridized Polyamides Novel Waterborne Rheology Control Agents

Sam Morell is a Chemical Engineering graduate of New York University and founder of S.P. Morell and Company. His work experience includes both technical and marketing positions at Ciba Specialties, Rohm and Haas, BASF, and Air Products and Chemicals.

Founded in 1984, S.P. Morell and Company is a specialty chemicals distributor and manufacturers' representative servicing the Northeastern region of the U.S. Product lines carried include resins, pigments, and additives for various industries including coatings, inks, and adhesives.

Mr. Morell is a recognized authority on surfactants and has been instrumental in promulgating the use of specialty surfactants to a wide array of industries including coatings, inks, adhesives, and lubricants. He has authored numerous technical articles on the subject in various publications including Modern Paint and Coatings, The American Ink Maker, and Adhesives Age.



John Poulakis

Platy Aluminosilicate and Ultra Fine Wollastonite as Safe and Cost Effective Functional Barrier Fillers in Metal Anti-Corrosive Applications

John is a Chemical Engineer with a PhD in Plastics Recycling/Composite Materials and a Bachelor in Business Administration. He has over 17 years of experience in Industrial Minerals, working with S&B Industrial Minerals in different positions related to product development and technical sales all over the world.

John currently holds the position of NYCO Minerals Technical Sales and Development Manager on global basis. John is Author of the Book Chapter "Plastics Recycling" in The Polymeric Materials Encyclopedia (over 750 references), he has been published 16 times in scientific journals, has participated in 17 international conferences and in 6 research programs. He is a co-inventor in one European patent on Plastic Waste Separation and Recycling and one World patent on micronized aluminosilicate, covering the research fields of Polymer and Minerals Processing, Recycling, Surface Modification in Thermoplastic composites and Industrial Coatings.



Christina Marlier

New Environmentally Friendly, High Performing Fluorosurfactant

Christina Marlier is currently a Market Development Specialist for Technical Functional Materials with EMD Chemicals. A graduate from The Pennsylvania State University with a B.S. in Chemical Engineering, Christina previously worked as an Applications Engineer with Solvay Solexis specializing in fluorinated polymer fluids. She then joined EMD Chemicals in 2010 to utilize her expertise in fluoro-chemistry to help launch EMDs new fluorosurfactant line. Christina also serves as the Vice President for the Pittsburgh Society for Coatings Technologies.



Michael Coppola

Latest Developments in Nanotechnology: UV and Corrosion Protection

Michael D. Coppola has been with BYK USA for 5 years and is a Nanotechnology Manager-Product and Applications Development. Prior to this position he was a Teaching Assistant/Research Assistant at Central Connecticut State University.

Mr. Coppola has six patents pending and numerous publications.

Mr. Coppola studied Chemistry and Physics at Central Connecticut State University.



Dr. David Fasano

Controlling Wet Hiding with TiO2 Reduction Strategies in Architectural Coatings

Dr. Fasano began his 32 year career at Dow at the Rohm and Haas Company in 1982 and has held various positions in the laboratory and in research management across multiple areas of business and technology. He holds a Ph.D. in Physical Chemistry from the University of Nebraska and is located at the company's Pennsylvania-based research facility.

Dr. Fasano's areas of scientific expertise include application and advancement in opacity, light scattering and pigmentation as well as rheology, dispersion and film formation. He holds eight U.S. patents with several currently pending. As Application Scientist for the Dow Coating Materials (DCM) business, Dr. David Fasano is responsible for technical support of the company's Hiding Technology Platform. This includes the product lines of EVOQUE™ Pre-Composite Polymer and ROPAQUE™ Opaque Polymer Technologies and their integral roles in hiding and paint formulation across the coatings industry.



Anthony Toussaint

Use of Organic and Inorganic Corrosion Inhibitors in High Performance Coatings

Anthony is the manager of R&D and Technical Services at ICL/ Advanced Additives. He has over 25 years experience in the paints and coatings industry, where he has spent most of his time furthering research and development and leading new business development teams.

Anthony holds an MBA from the Kellogg School of Management at Northwestern University and a Ph.D. in Chemical Engineering from the University of London, UK.



Kevin Rink

Functional Filler Evaluations for Matting & Performance Enhancements In Waterborne UV Curable Clear Coatings

Currently a senior technical service chemist in the Advanced Materials Division of 3M, Kevin has 25 years of experience in the paints & coatings industry.

Prior to joining 3M in January of 2013, Kevin spent sixteen years with Northern Engraving Corporation in Sparta, WI. working on coatings and adhesives for nameplate decoration and automotive trim applications. Prior to that, he spent six years as a Development Chemist in PPG's general industrial group in Oak Creek, WI. and two years with BASF in Southfield, MI., where he worked in the automotive waterborne commercialization group.



Brandon Parks

Development of Water-Soluble, Metal-Based Catalysts for Polyurethane Coating Applications

Brandon graduated from Lebanon Valley College in 2010 where he earned dual bachelor's degrees in biochemistry/molecular biology and chemistry. After graduation he attended graduate school at the University of Pittsburgh where he worked with Dr. Peter Wipf on the development of new synthetic methods and novel, small molecule inhibitors of the poxvirus resolvase.

Upon graduating with his master's degree in 2013 Brandon started with Reaxis as an R&D Chemist where his work involved the development of new and novel metal-based catalysts for use in a variety of applications ranging from polyester, polyurethane, and silicon-based polymers to metal-plating and corrosion prevention. In 2014 he assumed the role of technical manager, where he now directs the efforts of the R&D and process development groups.



Paul Mills

UV Cure Powder Coatings for Plastics

Paul Mills is an industry consultant to suppliers of liquid and powder coatings, and process equipment for the paint and coatings field. Paul specializes in UV curable technology and curing of UV inks, coatings and adhesives. Paul has been involved with coatings technology since 1994 when he joined Nutro Corporation (now Venjakob) as Vice President of Sales and Marketing.

Nutro manufactured custom engineered paint systems for liquid and powder coating. Nutro pioneered the application of UV curable powder coatings, installing the world's first UV powder line in 1998. Paul left Nutro in 2002 to begin his own consulting business. He lives in the Cleveland, Ohio area and has Bachelor's and Master's degrees in Economics.



Zegui Yan

Creative Routes to High Solids, Low Viscosity Acrylic and Polyester Polyols for High Performance 2K Urethane Topcoats

Zegui Yan is a Senior Polymer Chemist with the Versatics business unit of Hexion, Inc. in Stafford, TX. He has been working at Hexion on developing new polymers for paint, coating and adhesive applications; and novel acrylic- and polyester-polyols for industrial and performance coatings since January 2013.

Before that, he had worked at Franklin International for over 7 years on developing pressure sensitive adhesives. Zegui received his MS in Polymer Chemistry from Zhongshan University, China and PhD in Organic Chemistry from University of Sunderland, UK.

Richard LeFevre

Vapor Permeability of Air and Weather Barriers, A practical Approach to Measurement using ASTM E96 "B" Methodology

Currently a Senior Research Chemist, Richard has been with Dryvit Systems, Inc., for 16 years. Dryvit Systems, Inc. is a manufacturer of EIFS components.

Prior to joining Dryvit, Richard was a Construction Products Scientist at the former Rohm and Haas Company (now known as Dow Construction Chemical) for 15 years.



Romesh Kumar

Performance Coatings for Industrial Applications – Resins, Curing Process, & Colorants

Romesh Kumar is Sr. Technical Sales Manager for North America for pigment business at Clariant Corporation. He specializes in colorants for coatings, color measurement and other pigment applications. He attended Laurentian University (Sudbury, Ontario), and Rensselaer Polytechnic Institute (Troy NY). He is a member of the Inter Society Color Council, and American Coatings Association. He has made several presentations about pigment applications and color measurement at both national and international meetings during his over 35 years in the coatings industry.



Jeremy Powers

Navigating VOC Methods and Requirements Around the Globe

Serving as the Technology Manager Americas for Chromaflo Technologies of Ashtabula, Ohio, Jeremy Powers has been with the firm for 20 years.

He currently manages the Development group and the Analytical group. Before joining Chromaflo, Jeremy received his undergraduate degree in Chemistry from Allegheny College and his Master's of Science from Cleveland State University.

He received his six sigma black belt in 2011.



Тао Не

Value of Specialized TiO2 Grades for Flat Paints

Tao He began her career with DuPont in 2002 after receiving her Doctor's degree in Materials Science from Princeton University.

Tao has held various roles in research and development, risk management and is currently a Technical Service Consultant in DuPont Titanium Technologies focused on the Coatings Industry. Tao was instrumental in developing DuPont Titanium Technologies non-product offering for the Coating Industry.

Highly Accelerated Environmental Degradation Testing of Coatings



Doug Vermillion

After Doug received a BS in Manufacturing Engineering from the University of Wisconsin, he then went on to receive an MBA from the University of Minnesota.

Utilizing both degrees, Doug is now the Technical Sales Engineer for EYE Lighting International's Applied Optix division which specializes in the development of advanced lighting technology to provide engineered solutions for industrial applications.

New Reds – Pigment Innovation



Gary Balint

After earning a B. S. degree in Marketing from Robert Morris University, Gary is currently the Technical Service Manager for Inorganic Pigments for Paints and Coatings at LANXESS Corporation.

He carries out the responsibilities of his position utilizing his 30 years of experience working in various areas such as the Polyurethane Coatings Group, the Organic Pigments Group, and the Inorganic Pigments Group.

Gary is a Past President of the Pittsburgh Society for Coatings Technology.

Daniel Pickard

US Trade Remedy Laws

Daniel B. Pickard is a partner in Wiley Rein's Washington D.C. office. He counsels a wide range of U.S. and international clients—including producers and manufacturers—on the laws and regulations related to trade remedies.

Mr. Pickard represents and advises clients in matters governing international trade, with emphasis on import remedies for domestic producers. He has successfully handled trade remedies matters in numerous industries, such as steel, windtowers, and diamond sawblades.

He represents clients before various authorities, including the International Trade Commission (ITC), the U.S. Department of Commerce (DOC), and the U.S. Court of International Trade.



Jadel Baptista

Isoindolinone C.I. Pigment Yellow 110 - Red Shade Yellow Pigment for **Industrial and Architectural Coatings**

Jadel Baptista, holds a Bachelor's degree in Chemistry at PUCCAMP-Brazil. He is currently the Technical Director at LANSCO Colors.

Jadel has 23 years of experience in the coatings industry, specifically in research and development of polymers, paints and colorants.



Use of Tailor Made Silica to Enhance Coatings

Bob joined Evonik's Silica BU in 2012 and currently serves as the Applications Manager in the Standard Fumed Silica - Coatings AT Group.

Prior to that, he had worked for over 12 years in the coatings business focused in polymer research, manufacturing and applications in coil coatings. He has extensive experience in silica applications over a broad range of industries.

Robert Lin

He received his B.S. in Chemistry from University of Illinois in Champaign-Urbana.



Linda Adamson

Weathering the Elements – Why Real World Data is Critical in Developing **Polymers for the Exterior Market**

Linda Adamson received her B.S. degree in Chemistry from Philadelphia College of Textile & Sciences. She joined the Rohm and Hass Company, now The Dow Chemical Company, in 1980. While her career has been in Architectural Coatings, the first half was focused on R&D, primarily on projects related to binder technology and development. In 1996 she transferred to the Coatings Technical Service Department, and for almost 20 years she has been supporting new binder technology for the interior and exterior marketplace. Her current responsibility as Technical Manager is to lead the applications effort for Technical Service for Architectural Wall and Masonry Binders and New Technology Hiding Platform. Linda holds several patents, is a member of the Philadelphia chapter of FSCT and has taught courses at the International Coatings Expose and World of Concrete. She has also presented numerous papers at ICE, Western Coatings Symposium, Philadelphia Coatings Symposium, and numerous FSCT society meetings.



Dr. Gerald Vandezande

Epoxy Systems with Markedly Enhanced Properties

Dr. Gerald Vandezande is President and CEO of 1st Source Research Inc. This company provides consulting services in Marketing, R&D and testing in the coatings, building products and related industries.

Formerly Vandezande was the Global Development Leader for Marine and Container and Maintenance and Protective coatings markets in Dow Coating Materials of The Dow Chemical Company. He was responsible for IA strategy, portfolio management, and annual global market business volume and EBIT. Previously, Vandezande was the Global Architectural Development Leader for Dow. He had global architectural coatings responsibility for product development strategy and research for Dow Latex in the paint and coatings industry.

Vandezande earned a Doctorate in Chemistry from the University of Waterloo in Ontario, Canada in 1994. Vandezande joined Union Carbide Corporation (UCC) in 1993 and moved to Dow following the company's acquisition of UCC in 2001.



Scott Van Remortel

Nepheline Syenite Functional Fil

Mr. Scott Van Remortel is a Technical Sales Manager at Unimin Specialty Minerals. He received a B.S. degree in Polymers and Coatings Technology from Eastern Michigan University in 1992. Scott has over 22 years of experience with mineral fillers and applications development and holds several patents for engineered functional fillers.

Scott is presently the technical committee chair for the Piedmont Society for Coatings Technology in North Carolina and has served as Past President and Society Representative. In addition, he is also an active member of the Industrial Advisory Council for the Polymer and Coatings Program at Cal Poly, San Luis Obispo. Scott makes his home in Bakersville, NC, which is near Roan Mountain with his wife Bridget and two children.



Kaliappa Ragunathan Ph.D.

Meeting Evolving Demands of Exterior Architectural Coatings

Kaliappa Ragunathan holds a Ph.D degree in supramolecular chemistry and he was a Humboldt Post Doctoral Research Fellow early in his career. He has been working in the coatings industry for the last 16 years and is a co-inventor in many patents.

He has developed waterborne acrylic, styrene acrylic, vinyl acrylic, polyurethane, polyester, and epoxy polymers for automotive OEM, automotive refinish and architectural coatings applications. Kaliappa also has experience in developing solvent borne polymers, coatings adhesion promoters, nano pigments for anticorrosion applications and electrospun nanofibers. His current work is in developing emulsion polymers for architectural coatings applications at BASF Corporation.



Wolfgang Geuking

Enhancing Epoxy Coatings with Environmentally Friendly Solutions

Having studied organic chemistry at University of Applied Sciences, Münster Germany, Wolfgang worked on the development and application of heterogeneous hydrogenation catalysts for 16 years at what is now Johnson Matthey Catalysts.

Now the Business Development Manager at Croda Coatings and Polymers, Wolfgang worked in various technical customer support roles covering Europe and Latin America over a 15 year period.



David Folkman

Green Approach to Wood Floor Finishes

With almost 35 years' experience in the industry, David began his career working for a variety of regional and national coatings manufacturers including Delta Tech and Basic Coatings.

Since joining them four years ago, David continues his work in the coatings laboratory as a Senior Applications Chemist for Alberdingk Boley.



Beth Ann Browne, Ph.D

Relevant Preservative Testing: The Importance of Robust Microbial Challenge Testing to Mimic Paint Manufacturing Conditions

Beth Ann Browne, Ph.D. is a Senior Microbiologist and Customer Application Specialist with Dow Microbial Control. She joined Dow Microbial Control in 2008 and focuses on technical service and development for Paints and Coatings In-Can Preservation Dry-Film Protection. She authored the April 2014 Paint & Coatings Industry (PCI) article "New Biocidal Active Effectively Preserves Paint, Latex, Colorants and Mineral Slurries." In addition Beth Ann has also worked extensively in the area of Household, Industrial, and Institutional (HI&I) Product Preservation.

Beth Ann is an active member of the Microbiology/Preservative Subcommittee of the Consumer Specialty Products Association (CSPA) and has coauthored the 2014 *HAPPI* article "Critical Elements of Household Product Preservation" as well as the May 2012 *HAPPI* article "Conventional vs. Natural Preservatives." Beth Ann holds a Ph.D. in Microbiology from the University of Wisconsin-Madison.



Bob Parker

FEVE Resin Technology: Performance Properties Beyond Ultra-Weatherability

Bob Parker has Bachelor of Science degrees in Chemistry and Biochemistry from Alvernia University. He has been involved in the paint industry for 36 years. He has worked mainly as a coatings formulator for several manufacturing companies in the greater Philadelphia area. Bob began as a coatings formulator at Glidden Paints (now PPG) in Reading, PA. He spent a good portion of his career working for Glidden and for Finnaren and Haley Paints in Philadelphia, PA.

In September of 2007, Bob accepted the position of Technical Development Chemist for the LUMIFLON line of fluoropolymer resins manufactured by AGC Chemicals and is currently working at the AGCCA Technical Center in Exton, PA.



Bill Leightner

New Ultra-Low VOC Coalescent Derived from Bio-Renewable Sources from ADM Evolution Chemicals

Bill Leightner has been associated with the Paints and Coatings markets for more than 25 years. After graduating from the University of Missouri-Columbia, Bill began by holding several technical roles as a Chemist, Lab Manager, and Director for such companies as Steelcote Manufacturing, Porter Paint, International Paint (Akzo), and General Finishes. He has also served commercial positions as Vice-President of Sales, Business Manager, and Sales Manager for several companies including CL McGuire Co., Essential Polymers, General Finishes and Archer Daniels Midland.

Bill came to ADM in 2011 as Technical Sales Manager and spearheads sales of ADM's Bio-Based raw material technology marketed for the paints and coatings industry. Bill has several published articles related to coatings innovations and technological advances. He is a past president of both the Louisville Society and the Wisconsin Paint Association, and has served on national committees related to the advancement of corrosion protection for the coatings industry.



Phil Ritano

Preservatives: Getting the Balance Right

With a BS in Chemistry from Delaware Valley College and a MS in Organic Chemistry from the University of Tennessee, Phil began his 35 year career in the coatings and polymer industry in various technical, sales and management positions with National Starch & Chemical, Byk Chemie, ICI/Clariant and currently Technical Sales /Service Manager-US with Prom Chem Ltd.

He has been a past board member and Past President of the Philadelphia Society of Coatings Technology and is a current member of the Piedmont Society.



Brian Casey

Novel Silicone Resin Technology for High Temperature Applications

Brian is a graduate of Wofford College where he earned a B.S. degree in Chemistry. He has been with Evonik for the past 3 years working in the coatings area of their laboratory and representing their TEGO* product line.

His prior work experience includes stops with The Lubrizol Corporation and Luna Innovations Incorporated. He has experience in formulating coatings for industrial, industrial maintenance and marine, and military applications.



Constantine (Dean) A. Kondos

Improving Performance of Epoxy-Polysiloxane Coatings

Dean has a B.S. Chemical Engineering degree from the University of Pittsburgh, and a dual M.S. Colloids, Polymers, and Surface / Chemical Engineering degree from Carnegie Mellon University.

Dean is currently employed at Momentive Performance Materials since August, 2010 as Lead Product Development Chemist in the Coating Additives & Silanes Group.

Prior to this, Dean had 21 years coating experience with a major coatings company. Dean has formulation experience in multiple coating chemistries that helped support a wide variety of business units among other technical and customer accountabilities. Dean has over 15 granted patents, with others pending.



Dave White

Lab Chemist 101- Everything You Need to Know Whether You are a New Lab Tech or a 20 Year Veteran

David White is Technical Director at Heucotech Ltd. David has over 35 years of experience in colorants, dispersions and coatings and has held a variety of positions in production, research laboratories and sales. His technical experience includes architectural and industrial coatings, arts and crafts, and plastisols.

David is currently based out of Fairless Hills, Pennsylvania. He is a Past President for the New York Society for Coatings Technology, the Metropolitan New York Coatings Association (MNYCA), the Philadelphia Society for Coatings Technology and is a Board Member and the Technical Committee Chair for the Metropolitan New York Coatings Association and the Eastern Coatings Federation which hosts the Eastern Coatings Show. He also serves on an advisory board for the Waterborne Symposium.



Fred Marshall

The Use of Pumice in Paints & Coatings

Fred Marshall is currently Technical Director for CR Minerals.

He attended the University of Louisville, Pennsylvania State University, and Temple University. Fred began his career in the coatings industry with Rohm and Haas. After leaving Rohm and Haas he worked for a number of eastern paint manufacturers in the Mid-Atlantic States and Florida. In 2005 he joined CR Minerals and presently works with distributors promoting granular and milled pumice for various applications. He has been active in various paint societies since the late 1960's and is a 30 year plus member of the American Chemical Society and ASTM.

Choosing the Right Grinding Media



Daniyel Firestone

Daniyel Firestone is the President and owner of Norstone, Inc. since 2000.

She has a BS from Temple University, an MBA from Humboldt State University and 22 years of experience working with grinding and dispersion equipment and grinding media.

The company is located in Bridgeport, PA and was established in 1982 by her father, Sam Firestone.

Kaolin - A Versatile Extender for Paints



Ashok Khokhani

Ashok Khokhani is the Global Technical Manager for BASF Corporations kaolin business. He has been with BASF for 25 years. He is responsible for technical service and application development for coatings, inks, adhesives, plastics and rubber markets for kaolin based minerals. Previously he was with ICI Resins (now DSM Resins) for 7 years and worked as a Technical Marketing Specialist for their acrylic and urethane resins business.

He has a Bachelor's degree in Chemistry and a Bachelor's degree in Paint Technology from University of Bombay and a Master's degree in Plastics Engineering from University of Massachusetts.

Protecting the Environment Green Additives for the Coatings Industry



David Torocsik

After David A. Torocsik graduated with Bachelor's degree in Chemistry from The Ohio State University, he began his fourteen year career in the paint and coatings industry as a Chemist with Sherwin Williams Automotive Finishes and Diversified Brands divisions.

Currently, he continues that career as a Chemist with Borchers OM Group's Additives Division.



Jeanine Snyder

Understanding Defoamer Performance in Low VOC Architectural Paints

Jeanine Snyder is a Principal Development Chemist at Air Products and Chemicals, Inc. where she has worked since 1993. During that time, Jeanine has developed and supported numerous commercial raw materials for coatings, inks and adhesives applications including waterborne resins and additives. For the past 14 years, Jeanine has supported the Specialty Additives business within the Performance Materials Division. During that time she developed and commercialized several environmentally friendly wetting agents and defoamers. Jeanine has authored numerous papers, including a NPIRI best paper and holds 3 patents. Ms. Snyder received her BS degree in Chemistry from Lock Haven University and holds a Master of Science degree in Materials Science and Engineering from Lehigh University.



Dave Pasin

Using Green Solvents-The Bottom Line

Mr. Pasin entered the green solvents business in 2004 by distributing green, benzene-free solvents to the parts-washing industry. In 2010, Mr. Pasin developed his own eco-friendly, green solvents for parts washing. In 2011, at the request of a customer, he began development of a VOC-exempt replacement for Methyl Ethyl Ketone (MEK). The ground breaking research and development led Mr. Pasin and his team to also develop safe, effective, VOC-exempt alternatives for Xylene, Toluene, Acetone, isopropyl alcohol and Styrene. Dave and his development team continue to push the boundaries of the solvent technology by developing effective, green substitutes for other common solvents. Previously, Mr. Pasin was President of a progressive paint, coating and wood treatment product manufacturing company for many years. His industry experience and contacts have been key to penetrating the many large markets which are now actively interested in TBF's green solvents. Mr. Pasin is active with community service clubs.



Richard S. Valpey III, Ph.D.

Efficacy Of Dry Film Preservatives In The Real World

Richard S. Valpey III is currently Director, Product Development and Innovation at Troy Corporation in Florham Park, NJ. He earned his B.S. Cum Laude in Chemistry at Wheaton College in Illinois and his M.S. and Ph.D. degrees in Organic Chemistry at The University of Rochester in New York.

Prior to joining Troy Corporation, he held positions at Ohio State University, the United States Air Force Materials Research Command, Sherwin-Williams and SC Johnson. Dr. Valpey has published 12 articles, an e-book titled "Hansen Solubility Parameters in Practice," and holds 62 US and international patents.

A Special Thank You to our Thursday Morning Panelists

Christopher Wohl, Jr. Ph.D. Senior Research Scientist, NASA

Frank Palmieri, Ph.D. Research Materials Engineer, AST, NASA

> **Valerie Sherbondy** Senior Chemist, KTA-Tator, Inc.

> > **Jason Anagnostis**

VP and General Manager, Automotive Division, Absolute Coatings, Inc



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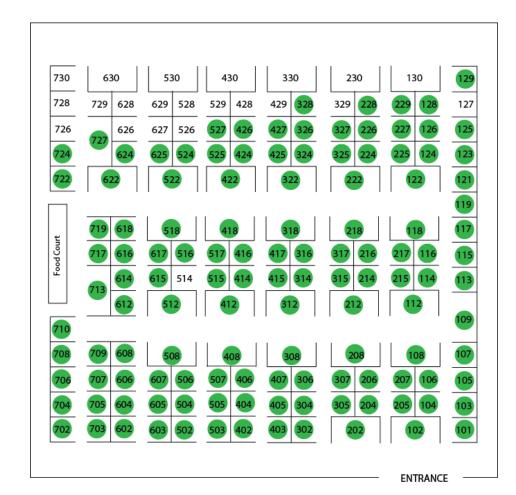
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