


33rd WCS Technical Program Schedule		
Oct 15, 2017: Sunday at The Paris Hotel, Las Vegas, NV		
Please note that Welcome Reception will be at Drai's Beachclub/Nightclub, Cromwell Hotel Rooftop		
12:00pm - 6:00pm	Badge Pick-up & Registration (Location: Across from Champagne 1, Convention Center, Paris Hotel)	
6:00pm - 9:00pm	Welcome Reception (Location: Drai's Beachclub/Nightclub, Cromwell Hotel Rooftop, only 21 years old or above, included with registration)	

33rd WCS Technical Program Schedule



Oct 16, 2017: Monday at The Paris Hotel, Las Vegas, NV

Speaker Ready Room: Registration Room A (from 7:30am - 4:30pm)

7:30am - 6:00pm	Badge Pick-up & Registration (Location: Across from Champagne 1, Convention Center, Paris Hotel)									
8:30am - 9:30am	Keynote Session: Dr. John Gilbert of Behr and Samson Adler Award Ceremony (Location: Champagne #3 & #4)									
9:30am - 9:40am	Break									
	A	Champagne #3 & #4	C	Champagne #1	E	Champagne #2	G	Versailles #1 & #2	I	Versailles #3 & #4
9:40am - 10:10am		06 - Metal Adhesion and Corrosion Resistance of Coatings, Specialty Polymers, Inc., Gregory Monaghan		38 - Novel Cost-Effective and Non-Basic Hindered Amine Light Stabilizer Technology, BASF Corporation, Mervin Wood		50 - Acrylic polyols for 2K WB PU coatings: Combining high-performance and ease of production, Hexion Inc., Carl Cavallin		39 - Post-Addible Powder Coating Additive Technology, Lubrizol Advanced Materials, Kevin Quinn		86 - Using Recycled and Renewable Content to Develop Performance-Driven Polyurethane Dispersions, Resinate Materials Group, Inc., Gary E. Spilman, Ph.D.
10:15am - 10:45am		54 - A Break-Through non-Isocyanate Coating for 100g/l Industrial Finishes, allnex, Michael A. Gessner		17 - Advancing Military Technologies Forward, Sherwin - Williams, Dr. Beth Ann Pearson		61 - Leveraging Surfactant Structure-Property Relationships to Address Emerging Needs in Coatings, Evonik Corporation, K. Michael Peck		68 - Fire Retardant Study in Architectural Coating, Dempsey Corporation, Marc Gagnon		10 - Biobased Resins in Coatings, Omni Tech International, Ltd., Lee Walko
10:50am - 11:20am		41 - "Molecular Umbrella" for Better Corrosion and Stain Resistance in Aqueous Coatings, BYK-Chemie GmbH, János Hajas		36 - Going Nano to mimic penetration of solvent based products, Vinavil SpA, Antonietta Schirò		74 - Vacuum Re-circulation Milling Technology, Hockmeyer Equipment Corporation, Mr. Barry Cullens		47 - Versatile Tin free Organometallic Catalysts with Good Hydrolytic Stability for Polyurethane and Organosilane Applications, King Industries, Dr. Ravi Ravichandran		52 - Modification of RUBBER LATEXES for coating applications, Dept. of Materials Science, Chulalongkorn University Bangkok, Dr.Nantana Jiratumnukul
11:30am - 1:40pm	Trade Show / Free Lunch included with Registration (Location: Concorde A/B and Rivoli A/B/C, Convention Centre, Paris Hotel)									
1:45pm - 2:45pm	Leadership Panel: "Creating Opportunities by Game-Changing Transformation in an Increasingly Competitive World" (Location: Champagne #3 & #4)									
	B	Champagne #3 & #4	D	Champagne #1	F	Champagne #2	H	Versailles #1 & #2	J	Versailles #3 & #4
2:50pm - 3:20pm		104 -50 Years of Coating Challenges & Cool Coatings 21st Century and Beyond, LASCT Technical Committee, Art Lorenz & Joe Reilly		11 - Low Viscosity Hydrogenated Styrenic Block Copolymers for Low VOC Coating Applications, Kraton Performance Polymers, Bing Yang, Ph.D		53 - Investigation the Effect of Pulse Current on Thickness Decrease of Electrodeposited Cu/Ni Multilayer Coating, Arefi, Arash Mirzaei		88 - Corrosion Protection Systems based on Lamellar Zinc Pigments, ECKART Suisse SA, Guy Decelles		31 - Zirconium Complex Additive Solves Many Rheology Issues with Waterborne Architectural Coatings, Borchers, Loulou Rozek
3:25pm - 3:55pm		57 - Novel Polyol Dispersion for Two-component Coatings with Polyisocyanate - Discernible pot-life Indication via Viscosity Increase, BASF Corporation, Mohsen Soleimani		79 - Formulated Solutions for High Performance Architectural Paints, The Dow Chemical Company, Tara Lyn Conley		13 - Reactive Surfactants in Emulsion Polymerization for enhanced performance properties, Croda Inc., Steven Y. Chan, Ph.D		77 - Activated and Enhanced Silanes for Improved Adhesion and Kinetics, Gelest, Inc., Annalese F. Maddox		106 - A Breakthrough Method for Thickening Industrial Coatings, Elementis Specialties, Mihai Polverejan, Ph.D.
4:00pm - 4:30pm		116 - Novel sugar-based neutralizing agent for ecolabel certified paints, Clariant Produkte Deutschland GmbH, Jörg Rüger		37 - Polymer Development for Deck Restoration Products, Arkema Coating Resins, Dan Stark		100 - The Use of Performance Additives in Solving Color Float Issues, Troy Corporation, Sheila Belding		112 - PCC as a Value Added Mineral in Today's Coatings Applications, Mississippi Lime, Sean Dingman, Ph.D		91 - Architectural Primers; Industry Trends and Benchmarking, BASF Corporation, Michael Krayner
4:35pm - 6:45pm	Trade Show / Free Dinner included with Registration (Location: Concorde A/B and Rivoli A/B/C, Convention Centre, Paris Hotel)									

33rd WCS Technical Program Schedule



Oct 17, 2017: Tuesday at The Paris Hotel, Las Vegas, NV

Speaker Ready Room: Registration Room A (from 7:30am - 4:30pm)

7:30am - 6:00pm	Badge Pick-up & Registration (Location: Across from Champagne 1, Convention Center, Paris Hotel)									
8:30am - 9:30am	Keynote Session: James Ray of ICIS and Samson Adler Award Ceremony (Location: Champagne #3 &# 4)									
9:30am - 9:40am	Break									
	A	Champagne #3 & #4	C	Champagne #1	E	Champagne #2	G	Versailles #1 & #2	I	Versailles #3 & #4
9:40am - 10:10am		56 - Polyurethane Dispersions for High Performance Wood Coatings, BASF Corporation, Aditi Chavannavar		89 - Formulating for new era – Exploring the race to no VOC using innovative VOC compliant solvent selection, TBF Environmental Technology Inc., Dave Pasin		26 - Charting the Course of the Exclusion Pathway for Method 313, Chromaflo Technologies, Jerry Powers		81 - Syneresis and Shear-Thickening Mechanisms in Waterborne Latex Formulations, California Polytechnic State University, Dr. Ray Fernando		42 - Fast Dry DTM Alkyd Emulsion with Excellent Corrosion Resistance, POLYNT Composites USA, Michael Knight
10:15am - 10:45am		87 - Architectural Coatings – How to meet Durability, High Chroma & High Opacity Challenges, Clariant Plastics & Coatings USA Inc., Dr. Romesh Kumar		108 - Recent Developments in Low-Foaming Nonionic Wetting Agents for Waterborne Coatings, Elementis Specialties, Chitra Jeurkar, Ph.D.		28 - Natural, Bio-based Lactide Polyester Polyols as Useful Reactive Intermediates for Urethane Adhesives and Coatings, NatureWorks LLC., Bill Coggio, Ph.D.		34 - Architectural Binder Technology with Excellent Chemical, Cleaner and Abrasion Resistance for Institutional and Commercial Paint Applications, Engineered Polymer Solutions, Tyler Bell		59 - Low Exudation Binder Technology, OMNOVA Solutions, Brian T. Doran
10:50am - 11:20am		84 - Machine Learning for Coating Formulation Discovery and Optimization, California Polytechnic State University, Dr. Erik Sapper		99 - Novel Acrylic Polymers for Architectural Exterior Paint and Primer in One Coatings Application, BASF Corporation, Kaliappa Ragunathan		03 - Novel Synthetic Silica Matting Agent For Polyspartic Coatings, Evonik, Bob T. Lin		58 - Latex Polymers Designed for Liquid Applied Membranes and Coatings, Trinseo LLC., Chuck Fifelski		07 - The pursuit for the perfect coatings finish, BYK, Stuart Lipskin
11:30am - 1:40pm	Trade Show / Free Lunch included with Registration (Location: Concorde A/B and Rivoli A/B/C, Convention Centre, Paris Hotel)									
1:45pm - 2:45pm	Academic Research Presentations (Location: Champagne #3 &# 4)									
	B	Champagne #3 & #4	D	Champagne #1	F	Champagne #2	H	Versailles #1 & #2	J	Versailles #3 & #4
2:50pm - 3:20pm		44 - Ambient Cure Silicone Resin Technology for High Temperature & Corrosion Resistant Coatings, Dow Corning Corporation, Jenafer Jensen		95 - Non-ionic associative thickeners and formulating space, BYK, Wesley Huff		71 - A New Platform Technology for Alkyds. Eliminating Emulsification Surfactants to Breach the Performance Gaps between Solvent Based and Water Based Alkyd Coatings, Arkema, Jeffrey Arendt		83 - Redox Enhanced Properties for Emulsion Polymers, 1st Source Research, Inc., Dr. Gerald Vandezande		111 - Solutions for enhanced functionalities in industrial and protective coatings, Croda Inc. Wolfgang Geuking
3:25pm - 3:55pm		55 - Waterborne Resin for Low VOC Coatings with Early Hardness Development, BASF Corporation, Lori Boggs, Ph.D		45 - Enhanced Coating Performance Using Discrete, Functionalized Multi-Walled Carbon Nanotubes, Molecular Rebar Design, Andrew Stewart		09 - 4 Steps for Effective Pigment Dispersions - Starting from Scratch, LANSCO Colors, Jadel Baptista		105 - Striking the Balance - Defoamer Design for Manufacturing and Application Defoaming, BASF Corporation, Kyle Flack		120 - Impact of Extenders on Elastomeric Coating Performance, Wacker Chemical Corporation, Corinne Walden
4:00pm - 4:30pm		64 - Quantification and Relationships of Nonionic Synthetic Associative Thickeners (NSATs) for Wet and Dried Film Appearance, Ashland Specialty Ingredients, Kent Maghacut		82 - Exterior Gloss Retention Trends of Pre-Composite Polymers: Comparison of Accelerated versus Natural Weathering and Effects of Reactivity, The Dow Chemical Company, Jordan Stracke		51 - A new amine neutralizer for waterborne industrial and automotive coatings, ANGUS Chemical Company, Chunzhao Li		02 - New Biocides for a Changing World, Lonza, Scott A. Brown		102 - New Accelerated Testing for Durability Assessment of Wood Architectural Coatings, Polymer Engineering Company Ltd., Grace Sun
4:35pm - 6:45pm	Trade Show / Free Dinner included with Registration (Location: Concorde A/B and Rivoli A/B/C, Convention Centre, Paris Hotel)									

33rd WCS Technical Program Schedule



Oct 18, 2017: Wednesday at The Paris Hotel, Las Vegas, NV

Speaker Ready Room: Registration Room A (from 7:30am - 4:30pm)

7:30am - 2:00pm	Badge Pick-up & Registration (Location: Across from Champagne 1, Convention Center, Paris Hotel)									
	A	Champagne #3 & #4	D	Champagne #1	G	Champagne #2	J	Versailles #1 & #2	M	Versailles #3 & #4
9:00am - 9:30am		70 - Waterborne Alkyds - Combining Oil and Water to reduce VOC and Solve Coating Performance Challenges, Arkema, Neal Rogers		14 - Increasing the Likelihood of Obtaining Patent Protection on Coating Formulations, Howard & Howard Attorneys PLLC, Daniel R. Chojnowski		20 - Balancing Act: Principles of Design and Formulation for Waterborne Acrylic DTM Coatings, The Dow Chemical Company, Laura Vielhauer		63 - The Role of ABA Surfactants in Waterborne Formulations, samMorell.com., Sam Morell		22- Flat Grade TiO2 - Should it be used in interior flat paints?, ChemQuest Technology Institute, Stephen Raper
9:35am - 10:05am		24 - Titanium Dioxide and Protective Coatings, The Chemours Company, Thomas Hanna		62 - Assessing Tack, Print and Block of New High-Gloss Architectural Binders using Rheological and Mechanical Measurements, EPS, Dr. Tessie Ewert		21 - Liquid EPDM for Waterborne Coatings, Lion Elastomers, Gregory J. Brust		04 - Novel Structure Modified Fumed Silica Technology Improves Anti-Fouling Performance in Cuprous Oxide Based Coatings, Evonik, Maria Nargiello		107 - Improvements in Waterborne Rheology, Elementis Specialties, Lincy Gurusamy
10:10am - 10:40am		66 - 275 g/L VOC Compliant Solvent-borne Oil Modified Urethane, Reichhold LLC, Kristy Hayes		08 - Why 1.5-Nanometer Heteroatom Titanates and Zirconates, Kenrich Petrochemicals, Inc., Salvatore J. Monte		73 - Formulating with Silicone Additives Using a High Throughput Approach, The Dow Chemical Company, Kevin Henderson		93 - Replacement of APE Surfactants in Emulsion Polymerization, Oxiteno Indústria S.A., Brazil, Juliane Pereira Santos		69 - Improving the Balance Of Performance Tradeoffs For Treated Fumed Silicas In Coatings, Cabot Corporation, Jesse Kleczka
10:45am - 11:15am		12 - Wax and polymer additives technologies for the improvement of surface properties while maintaining low matt finish, BYK, Tim Chen		18 - Powder Coatings in the Defense Industry, Sherwin - Williams, Dr. Beth Ann Pearson		43 - Low VOC, Easily Removable, Water-Based Corrosion Protective Coating, Lubrizol Advanced Materials, Nima Hakim-Elahi		98 - A Novel Acrylic DTM with Next Generation Corrosion Resistance at 50g/L VOC, EPS Materials, Inc., Allen Bulick		16 - Enhancement of Urethane Coatings With Silicone Polyester Polyols, Evonik Corporation, Christopher Howard
11:15am - 12:30pm	Lunch									
	B	Champagne #3 & #4	E	Champagne #1	H	Champagne #2	K	Versailles #1 & #2	N	Versailles #3 & #4 (UV Track)
12:35pm - 1:05pm		35 - Pigmented Isocyanate Free Polyurethane Coatings for Wood Applications, The Dow Chemical Company, Yanxiang Li		67 - Polished Concrete Protection and Maintenance, OMNOVA Solutions Inc., Jamey Gaston		29 - Wax Additives as Surface Modifiers for Coatings, Munzing, Ms. Kajal Parekh		23 - Ultra-low VOC, Waterborne Epoxy System for Metal and Concrete Protection, Hexion Inc., Matthew Sumpter		113 - UV-LED Curable Protective Coatings, Colorado Photopolymer Solutions, Neil Cramer
1:10pm - 1:40pm		114 - New Studies on the Performance of Coatings Containing Highly Fibrillated HDPE Fibers, Minifibers, Inc., Dr. Jeffrey Hyde		109 - Efficacy of the use of CSR nanoparticles in chemical resistant coatings applications, Kaneka North America, Joseph Kidd		40 - Dispersion Stabilization in Aqueous Coatings, Lubrizol Advanced Materials, Jonathan Bird		46 - New Water Borne Acrylic Resin for Direct to-Metal Corrosion Resistant Coatings, Michelman, Charles Kimbler		90 - UV Cure Aerospace 'Shark Skin' Coatings that Offer Aerospace Fuel Reduction, Dvorchak Enterprises, LLC., Michael J. Dvorchak
1:45pm - 2:15pm		85 - The Chemistry and Mechanisms of Flame Retardants and Their Application in Coatings, Omya, Inc., Glade E. Squires		94 - Fluoro-Free Anti-Graffiti Properties From A Novel OrganoSilicone, Siltech Corporation, Brandon Lines		05 - A look forward – how regulations affect the chemical industry, Lintech International, LLC, Randy Griffin		30 - Develop Your Colors to the Fullest, Borchers, Loulou Rozek		115 - A Process Perspective of Modern Coating Formulations, Saint Clair Systems, Michael R. Bonner
2:15am - 2:35pm	Break									
	C	Champagne #3 & #4	F	Champagne #1	I	Champagne #2	L	Versailles #1 & #2	O	Versailles #3 & #4
2:35pm - 3:05pm		33 - Improving Surfactant Leaching and Exterior Performance of Architectural Flat Paints, Engineered Polymer Solutions, Dr. Robert Sandoval		101 - High Capacity Low VOC Solvent Borne Dispersant for Inorganic Pigments, allnex USA Inc., Morris Bingham		25 - A Survey of Organic Red Pigments: Accelerated Weathering, Chromaflo Technologies, Brij Mohal		96 - Dispersant Selection for High Pigment Loaded Grind Bases, BASF Corporation, John Mangano		78 - The Role of Organic Corrosion Inhibitors at Improving the Adhesion and Barrier Properties of Organic Coatings, ICL Advanced Additives, Anthony Toussaint
3:10pm - 3:40pm		65 - A non-invasive analytical technique to measure open time and drying in paint films, Ashland Specialty Ingredients, Zeena Cherian		01 - Advanced Opacifying Technology and Tint Strength, FP-Pigments Inc., Beth Howard		80 - Hydrophobic Emulsion Polymers for Water Resistant Coatings, Arkema Coating Resins, Wenjun Wu		97 - U.S. TSCA Reform: Implementation Impacts to the Coatings Industry, Innovation Drivers and Pioneering Solutions for Compliance, UL, Stacie Abraham		75 - Evaluating new APE-free surfactants as alternative for wetting and dispersing agents via HSP modeling and bench scale validation, Oxiteno, Marina Chieregati Passarelli
3:45pm - 4:15pm		103 - New Polymers that Help Make Architectural Coatings Truly Stain "Resistant", BASF Corporation, Nicholas Foley, PhD		110 - FEVE Fluoropolymer Resins for Environmentally Friendly, High Performance Architectural and Industrial Protective Coatings, AGC Chemicals Americas, Inc., Kristen Blankenship		76 - Improving Pigment Stability and Sag Resistance with a New Highly Psuedoplastic HEUR, Coatex Inc., Alexandra Foguth		48 - Improving slip, mechanical and blocking resistance of waterborne (wood) coatings with ultra-high molecular weight silicone additives, Dow Corning Corporation, Tim Roggow		49 - New Developments In Environmentally Friendly, High Performing Fluorosurfactant Technology, EMD Performance Materials, Gregory L. McCraw, Ph.D

33rd WCS Technical Program Schedule: by Company & Presentation Date



Presentation Title	Company	Speaker	Presentation Date	Presentation Time Slot
83 - Redox Enhanced Properties for Emulsion Polymers	1 st Source Research, Inc.	Dr. Gerald Vandezande	Oct 17, 2017 Tues	H
110 - FEVE Fluoropolymer Resins for Environmentally Friendly, High Performance Architectural and Industrial Protective Coatings	AGC Chemicals Americas, Inc.	Kristen Blankenship	Oct 18, 2017 Wed	F
54 - A Break-Through non-Isocyanate Coating for 100g/l Industrial Finishes	allnex	Michael A. Gessner	Oct 16, 2017 Mon	A
101 - High Capacity Low VOC Solvent Borne Dispersant for Inorganic Pigments	allnex USA Inc.	Morris Bingham	Oct 18, 2017 Wed	F
51 - A new amine neutralizer for waterborne industrial and automotive coatings	ANGUS Chemical Company	Chunzhao Li	Oct 17, 2017 Tues	F
53 - Investigation the Effect of Pulse Current on Thickness Decrease of Electrodeposited Cu/Ni Multilayer Coating	Arefi	Arash Mirzaei	Oct 16, 2017 Mon	F
70 - Waterborne Alkyds - Combining Oil and Water to reduce VOC and Solve Coating Performance Challenges	Arkema	Neal Rogers	Oct 18, 2017 Wed	A
71 - A New Platform Technology for Alkyds. Eliminating Emulsification Surfactants to Breach the Performance Gaps between Solvent Based and Water Based Alkyd Coatings	Arkema	Jeffrey Arendt	Oct 17, 2017 Tues	F
37 - Polymer Development for Deck Restoration Products	Arkema Coating Resins	Dan Stark	Oct 16, 2017 Mon	D
80 - Hydrophobic Emulsion Polymers for Water Resistant Coatings	Arkema Coating Resins	Wenjun Wu	Oct 18, 2017 Wed	I
64 - Quantification and Relationships of Nonionic Synthetic Associative Thickeners (NSATs) for Wet and Dried Film Appearance	Ashland Specialty Ingredients	Kent Maghacut	Oct 17, 2017 Tues	B
65 - A non-invasive analytical technique to measure open time and drying in paint films	Ashland Specialty Ingredients	Zeena Cherian	Oct 18, 2017 Wed	C
103 - New Polymers that Help Make Architectural Coatings Truly Stain "Resistant"	BASF Corporation	Nicholas Foley, PhD	Oct 18, 2017 Wed	C
105 - Striking the Balance - Defoamer Design for Manufacturing and Application Defoaming	BASF Corporation	Kyle Flack	Oct 17, 2017 Tues	H
38 - Novel Cost-Effective and Non-Basic Hindered Amine Light Stabilizer Technology	BASF Corporation	Mervin Wood	Oct 16, 2017 Mon	C
55 - Waterborne Resin for Low VOC Coatings with Early Hardness Development	BASF Corporation	Lori Boggs, Ph.D	Oct 17, 2017 Tues	B
56 - Polyurethane Dispersions for High Performance Wood Coatings	BASF Corporation	Aditi Chavannavar	Oct 17, 2017 Tues	A
57 - Novel Polyol Dispersion for Two-component Coatings with Polyisocyanate - Discernible pot-life Indication via Viscosity Increase	BASF Corporation	Mohsen Soleimani	Oct 16, 2017 Mon	B
91 - Architectural Primers; Industry Trends and Benchmarking	BASF Corporation	Michael Kraye	Oct 16, 2017 Mon	J
96 - Dispersant Selection for High Pigment Loaded Grind Bases	BASF Corporation	John Mangano	Oct 18, 2017 Wed	L
99 - Novel Acrylic Polymers for Architectural Exterior Paint and Primer in One Coatings Application	BASF Corporation	Kaliappa Ragunathan	Oct 17, 2017 Tues	C
30 - Develop Your Colors to the Fullest	Borchers	Loulou Rozek	Oct 18, 2017 Wed	K
31 - Zirconium Complex Additive Solves Many Rheology Issues with Waterborne Architectural Coatings	Borchers	Loulou Rozek	Oct 16, 2017 Mon	J
07 - The pursuit for the perfect coatings finish	BYK	Stuart Lipskin	Oct 17, 2017 Tues	I

33rd WCS Technical Program Schedule: by Company & Presentation Date



Presentation Title	Company	Speaker	Presentation Date	Presentation Time Slot
12 - Wax and polymer additives technologies for the improvement of surface properties while maintaining low matt finish	BYK	Tim Chen	Oct 18, 2017 Wed	A
95 - Non-ionic associative thickeners and formulating space	BYK	Wesley Huff	Oct 17, 2017 Tues	D
41 - "Molecular Umbrella" for Better Corrosion and Stain Resistance in Aqueous Coatings	BYK-Chemie GmbH	János Hajas	Oct 16, 2017 Mon	A
69 - Improving the Balance Of Performance Tradeoffs For Treated Fumed Silicas In Coatings	Cabot Corporation	Jesse Kleczka	Oct 18, 2017 Wed	M
81 - Syneresis and Shear-Thickening Mechanisms in Waterborne Latex Formulations	California Polytechnic State University	Dr. Ray Fernando	Oct 17, 2017 Tues	G
84 - Machine Learning for Coating Formulation Discovery and Optimization	California Polytechnic State University	Dr. Erik Sapper	Oct 17, 2017 Tues	A
22- Flat Grade TiO ₂ . Should it be used in interior flat paints?	ChemQuest Technology Institute	Stephen Raper	Oct 18, 2017 Wed	M
25 - A Survey of Organic Red Pigments: Accelerated Weathering	Chromaflo Technologies	Brij Mohal	Oct 18, 2017 Wed	I
26 - Charting the Course of the Exclusion Pathway for Method 313	Chromaflo Technologies	Jerry Powers	Oct 17, 2017 Tues	E
87 - Architectural Coatings – How to meet Durability, High Chroma & High Opacity Challenges	Clariant Plastics & Coatings USA Inc.	Dr. Romesh Kumar	Oct 17, 2017 Tues	A
116 - Novel sugar-based neutralizing agent for ecolabel certified paints	Clariant Produkte Deutschland GmbH	Jörg Rüger	Oct 16, 2017 Mon	B
76 - Improving Pigment Stability and Sag Resistance with a New Highly Psuedoplastic HEUR	Coatex Inc.	Alexandra Foguth	Oct 18, 2017 Wed	I
113 - UV-LED Curable Protective Coatings	Colorado Photopolymer Solutions	Neil Cramer	Oct 18, 2017 Wed	N
111 - Solutions for enhanced functionalities in industrial and protective coatings	Croda Inc.	Wolfgang Geuking	Oct 17, 2017 Tues	J
13 - Reactive Surfactants in Emulsion Polymerization for enhanced performance properties	Croda Inc.	Steven Y. Chan, Ph.D	Oct 16, 2017 Mon	F
68 - Fire Retardant Study in Architectural Coating	Dempsey Corporation	Marc Gagnon	Oct 16, 2017 Mon	G
52 - Modification of RUBBER LATEXES for coating applications	Dept. of Materials Science, Chulalongkorn University Bangkok	Dr.Nantana Jiratumnukul	Oct 16, 2017 Mon	I
44 - Ambient Cure Silicone Resin Technology for High Temperature & Corrosion Resistant Coatings	Dow Corning Corporation	Jenafer Jensen	Oct 17, 2017 Tues	B
48 - Improving slip, mechanical and blocking resistance of waterborne (wood) coatings with ultra-high molecular weight silicone additives	Dow Corning Corporation	Tim Roggow	Oct 18, 2017 Wed	L
90 - UV Cure Aerospace 'Shark Skin' Coatings that Offer Aerospace Fuel Reduction	Dvorchak Enterprises, LLC	Michael J. Dvorchak	Oct 18, 2017 Wed	N
88 - Corrosion Protection Systems based on Lamellar Zinc Pigments	ECKART Suisse SA	Guy Decelles	Oct 16, 2017 Mon	H
106 - A Breakthrough Method for Thickening Industrial Coatings	Elementis Specialties	Mihai Polverejan, Ph.D.	Oct 16, 2017 Mon	J
107 - Improvements in Waterborne Rheology	Elementis Specialties	Lincy Gurusamy	Oct 18, 2017 Wed	M
108 - Recent Developments in Low-Foaming Nonionic Wetting Agents for Waterborne Coatings	Elementis Specialties	Chitra Jeurkar, Ph.D.	Oct 17, 2017 Tues	C
49 - New Developments In Environmentally Friendly, High Performing Fluorosurfactant Technology	EMD Performance Materials	Gregory L. McCraw, Ph.D	Oct 18, 2017 Wed	O

33rd WCS Technical Program Schedule: by Company & Presentation Date



Presentation Title	Company	Speaker	Presentation Date	Presentation Time Slot
33 - Improving Surfactant Leaching and Exterior Performance of Architectural Flat Paints	Engineered Polymer Solutions	Dr. Robert Sandoval	Oct 18, 2017 Wed	C
34 - Architectural Binder Technology with Excellent Chemical, Cleaner and Abrasion Resistance for Institutional and Commercial Paint Applications	Engineered Polymer Solutions	Tyler Bell	Oct 17, 2017 Tues	G
62 - Assessing Tack, Print and Block of New High-Gloss Architectural Binders using Rheological and Mechanical Measurements	EPS	Dr. Tessie Ewert	Oct 18, 2017 Wed	D
98 - A Novel Acrylic DTM with Next Generation Corrosion Resistance at 50g/L VOC	EPS Materials, Inc.	Allen Bulick	Oct 18, 2017 Wed	J
03 - Novel Synthetic Silica Matting Agent For Polyaspartic Coatings	Evonik	Bob T. Lin	Oct 17, 2017 Tues	E
04 - Novel Structure Modified Fumed Silica Technology Improves Anti-Fouling Performance in Cuprous Oxide Based Coatings	Evonik	Maria Nargiello	Oct 18, 2017 Wed	J
16 - Enhancement of Urethane Coatings With Silicone Polyester Polyols	Evonik Corporation	Christopher Howard	Oct 18, 2017 Wed	M
61 - Leveraging Surfactant Structure-Property Relationships to Address Emerging Needs in Coatings	Evonik Corporation	K. Michael Peck	Oct 16, 2017 Mon	E
01 - Advanced Opacifying Technology and Tint Strength	FP-Pigments Inc.	Beth Howard	Oct 18, 2017 Wed	F
77 - Activated and Enhanced Silanes for Improved Adhesion and Kinetics	Gelest, Inc.	Annalese F. Maddox	Oct 16, 2017 Mon	H
23 - Ultra-low VOC, Waterborne Epoxy System for Metal and Concrete Protection	Hexion Inc.	Matthew Sumpter	Oct 18, 2017 Wed	K
50 - Acrylic polyols for 2K WB PU coatings: Combining high-performance and ease of production	Hexion Inc.	Carl Cavallin	Oct 16, 2017 Mon	E
74 - Vacuum Re-circulation Milling Technology	Hockmeyer Equipment Corporation	Mr. Barry Cullens	Oct 16, 2017 Mon	E
14 - Increasing the Likelihood of Obtaining Patent Protection on Coating Formulations	Howard & Howard Attorneys PLLC	Daniel R. Chojnowski	Oct 18, 2017 Wed	D
78 - The Role of Organic Corrosion Inhibitors at Improving the Adhesion and Barrier Properties of Organic Coatings	ICL Advanced Additives	Anthony Toussaint	Oct 18, 2017 Wed	O
109 - Efficacy of the use of CSR nanoparticles in chemical resistant coatings applications	Kaneka North America	Joseph Kidd	Oct 18, 2017 Wed	E
08 - Why 1.5-Nanometer Heteroatom Titanates and Zirconates	Kenrich Petrochemicals, Inc.	Salvatore J. Monte	Oct 16, 2017 Mon	D
47 - Versatile Tin free Organometallic Catalysts with Good Hydrolytic Stability for Polyurethane and Organosilane Applications	King Industries	Dr. Ravi Ravichandran	Oct 16, 2017 Mon	G
11 - Low Viscosity Hydrogenated Styrenic Block Copolymers for Low VOC Coating Applications	Kraton Performance Polymers	Bing Yang, Ph.D	Oct 16, 2017 Mon	D
09 - 4 Steps for Effective Pigment Dispersions - Starting from Scratch	LANSKO Colors	Jadel Baptista	Oct 17, 2017 Tues	F

33rd WCS Technical Program Schedule: by Company & Presentation Date



Presentation Title	Company	Speaker	Presentation Date	Presentation Time Slot
104 - 50 Years of Coating Challenges & Cool Coatings 21st Century and Beyond	LASCT Technical Committee	Art Lorenz & Joe Reilly	Oct 16, 2017 Mon	B
05 - A look forward – how regulations affect the chemical industry	Lintech International, LLC	Randy Griffin	Oct 18, 2017 Wed	H
21 - Liquid EPDM for Waterborne Coatings	Lion Elastomers	Gregory J. Brust	Oct 18, 2017 Wed	G
02 - New Biocides for a Changing World	Lonza	Scott A. Brown	Oct 17, 2017 Tues	H
39 - Post-Addible Powder Coating Additive Technology	Lubrizol Advanced Materials	Kevin Quinn	Oct 16, 2017 Mon	G
40 - Dispersion Stabilization in Aqueous Coatings	Lubrizol Advanced Materials	Jonathan Bird	Oct 18, 2017 Wed	H
43 - Low VOC, Easily Removable, Water-Based Corrosion Protective Coating	Lubrizol Advanced Materials	Nima Hakim-Elahi	Oct 18, 2017 Wed	G
46 - New Water Borne Acrylic Resin for Direct-to-Metal Corrosion Resistant Coatings	Michelman	Charles Kimbler	Oct 18, 2017 Wed	K
114 - New Studies on the Performance of Coatings Containing Highly Fibrillated HDPE Fibers	Minifibers, Inc.	Dr. Jeffrey Hyde	Oct 18, 2017 Wed	B
112 - PCC as a Value Added Mineral in Today's Coatings Applications	Mississippi Lime	Sean Dingman, Ph.D	Oct 16, 2017 Mon	H
45 - Enhanced Coating Performance Using Discrete, Functionalized Multi-Walled Carbon Nanotubes	Molecular Rebar Design	Andrew Stewart	Oct 17, 2017 Tues	D
29 - Wax Additives as Surface Modifiers for Coatings	Munzing	Ms. Kajal Parekh	Oct 18, 2017 Wed	H
28 - Natural, Bio-based Lactide Polyester Polyols as Useful Reactive Intermediates for Urethane Adhesives and Coatings	NatureWorks LLC	Bill Coggio, Ph.D.	Oct 17, 2017 Tues	E
10 - Biobased Resins in Coatings	Omni Tech International, Ltd.	Lee Walko	Oct 16, 2017 Mon	I
59 - Low Exudation Binder Technology	OMNOVA Solutions	Brian T. Doran	Oct 17, 2017 Tues	I
67 - Polished Concrete Protection and Maintenance	OMNOVA Solutions Inc.	Jamey Gaston	Oct 18, 2017 Wed	E
85 - The Chemistry and Mechanisms of Flame Retardants and Their Application in Coatings	Omya, Inc.	Glade E. Squires	Oct 18, 2017 Wed	B
75 - Evaluating new APE-free surfactants as alternative for wetting and dispersing agents via HSP modeling and bench scale validation	Oxiteno	Marina Chierregati Passarelli	Oct 18, 2017 Wed	O
93 - Replacement of APE Surfactants in Emulsion Polymerization	Oxiteno Indústria S.A., Brazil	Juliane Pereira Santos	Oct 18, 2017 Wed	J
102 - New Accelerated Testing for Durability Assessment of Wood Architectural Coatings	Polymer Engineering Company Ltd.	Grace Sun	Oct 17, 2017 Tues	J
42 - Fast Dry DTM Alkyd Emulsion with Excellent Corrosion Resistance	POLYNT Composites USA	Michael Knight	Oct 17, 2017 Tues	I
66 - 275 g/L VOC Compliant Solvent-borne Oil Modified Urethane	Reichhold LLC	Kristy Hayes	Oct 18, 2017 Wed	A
86 - Using Recycled and Renewable Content to Develop Performance-Driven Polyurethane Dispersions	Resinate Materials Group, Inc.	Gary E. Spilman, Ph.D.	Oct 16, 2017 Mon	I
115 - A Process Perspective of Modern Coating Formulations	Saint Clair Systems	Michael R. Bonner	Oct 18, 2017 Wed	N
63 - The Role of ABA Surfactants in Waterborne Formulations	samMorell.com	Sam Morell	Oct 18, 2017 Wed	J
17 - Advancing Military Technologies Forward	Sherwin - Williams	Dr. Beth Ann Pearson	Oct 16, 2017 Mon	C
18 - Powder Coatings in the Defense Industry	Sherwin - Williams	Dr. Beth Ann Pearson	Oct 18, 2017 Wed	D

33rd WCS Technical Program Schedule: by Company & Presentation Date



Presentation Title	Company	Speaker	Presentation Date	Presentation Time Slot
94 - Fluoro-Free Anti-Graffiti Properties From A Novel OrganoSilicone	Siltech Corporation	Brandon Lines	Oct 18, 2017 Wed	E
06 - Metal Adhesion and Corrosion Resistance of Coatings	Specialty Polymers, Inc.	Gregory Oct 16, 2017 Monaghan	Oct 16, 2017 Mon	A
89 - Formulating for new era – Exploring the race to no VOC using innovative VOC compliant solvent selection	TBF Environmental Technology Inc.	Dave Pasin	Oct 17, 2017 Tues	C
24 - Titanium Dioxide and Protective Coatings	The Chemours Company	Thomas Hanna	Oct 18, 2017 Wed	A
20 - Balancing Act: Principles of Design and Formulation for Waterborne Acrylic DTM Coatings	The Dow Chemical Company	Laura Vielhauer	Oct 18, 2017 Wed	G
35 - Pigmented Isocyanate Free Polyurethane Coatings for Wood Applications	The Dow Chemical Company	Yanxiang Li	Oct 18, 2017 Wed	B
73 - Formulating with Silicone Additives Using a High Throughput Approach	The Dow Chemical Company	Kevin Henderson	Oct 18, 2017 Wed	G
79 - Formulated Solutions for High Performance Architectural Paints	The Dow Chemical Company	Tara Lyn Conley	Oct 16, 2017 Mon	D
82 - Exterior Gloss Retention Trends of Pre-Composite Polymers: Comparison of Accelerated versus Natural Weathering and Effects of Reactivity	The Dow Chemical Company	Jordan Stracke	Oct 17, 2017 Tues	D
58 - Latex Polymers Designed for Liquid Applied Membranes and Coatings	Trinseo LLC	Chuck Fifelski	Oct 17, 2017 Tues	G
100 - The Use of Performance Additives in Solving Color Float Issues	Troy Corporation	Sheila Belding	Oct 16, 2017 Mon	F
97 - U.S. TSCA Reform: Implementation Impacts to the Coatings Industry, Innovation Drivers and Pioneering Solutions for Compliance	UL	Stacie Abraham	Oct 18, 2017 Wed	L
36 - Going Nano to mimic penetration of solvent based products	Vinavil SpA	Antonietta Schirò	Oct 16, 2017 Mon	C
120 - Impact of Extenders on Elastomeric Coating Performance	Wacker Chemical Corporation	Corinne Walden	Oct 17, 2017 Tues	J



33rd WCS Leadership Panel

Panel Title: Creating Opportunities by Game-Changing Transformation in an Increasingly Competitive World

- **Time: Oct 16, 2017 (Monday) from 1:45 pm–2:45 pm**
 - **Location: Champagne #3 & #4 at The Paris Hotel, Las Vegas, NV**
1. **Sheryl Southwell, President and CEO of Specialty Polymers**
 2. **Steve DeVoe, President/CEO/Chairman of Kelly Moore**
 3. **Mario Pschaidt, Vice President, Procurement of Behr, Masco Coatings Group**
 4. **Dr. Horst Sulzbach, Chief Technology Officer of BYK-Chemie GmbH**
 5. **Jason Woods, Director of Commercialization: Global Supply Chain of The Sherwin-Williams Company**
 6. **Tom Snider, Group Vice President of Technical Services of Cloverdale Paint Co. & Rodda Paint Co**



33rd WCS Keynote Speakers

Oct 16, 2017 Monday Keynote Presentation

Presenter: Dr. John Gilbert, Chief Research and Development Officer of Behr Process Corporation, Masco Coatings Group

Presentation Title: The Ever-Changing World of Architectural Coatings

Time: Oct 16, 2017: Monday from 8:30am - 9:30am

Location: Champagne #3 & # 4 at The Paris Hotel, Las Vegas, NV

Oct 17, 2017 Tuesday Keynote Presentation

Presenter: James Ray, Senior Consultant of ICIS

Presentation Title: Working Smarter to Optimize The Bottom Line

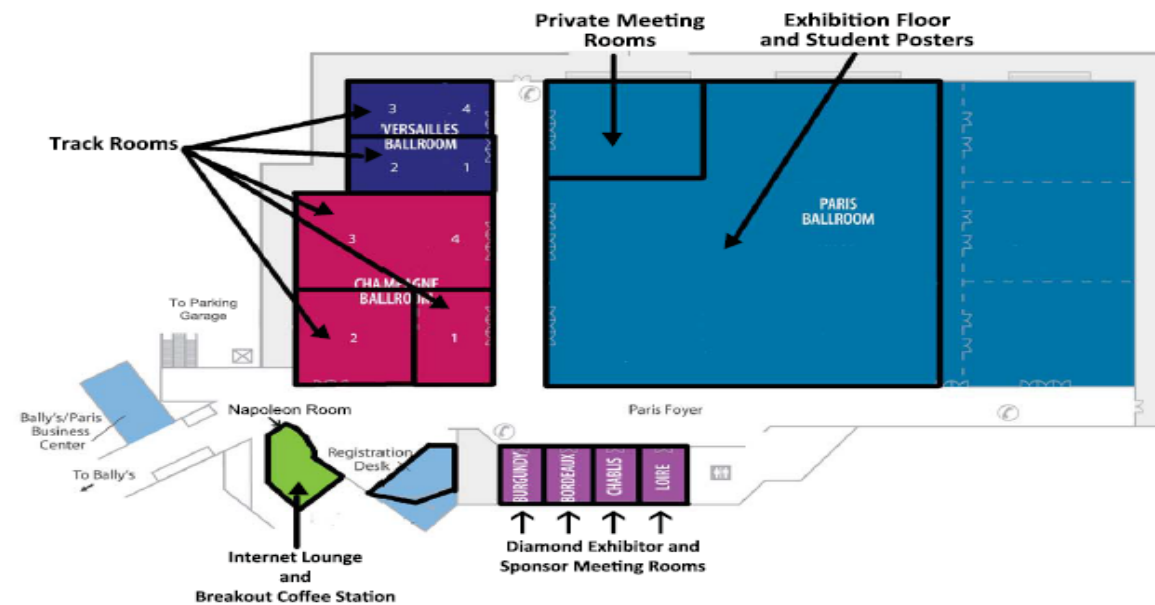
Time: Oct 17, 2017: Tuesday from 8:30am - 9:30am

Location: Champagne #3 & # 4 at The Paris Hotel, Las Vegas, NV

33rd WCS Technical Program Facilities Map



PARIS LAS VEGAS CONFERENCE CENTER Meeting Facilities Map



Keynotes, Leadership Panel, and Academic Research Presentations will be in Champagne 3 & 4.

Speaker rooms are:

Champagne 1
Champagne 2
Champagne 3 & 4
Versailles 1 & 2
Versailles 3 & 4