



## ENC UNIVERSITY | Tuesday, October 11, 2022

### SESSION 1: ENC UNIVERSITY

TIME	PRESENTATION
7:00 am – 8:00 am	Registration & Continental Breakfast
8:00 am – 8:15 am	<b>Opening Statements &amp; Housekeeping ENC University</b> Todd Luciano   Publisher/VP Finishing & Valve Media   Gardner Business Media
8:15 am – 9:15 am	<b>HISTORICAL RETROSPECTIVE: 13 EN Conferences &amp; Counting: Review Past EN Conferences &amp; Evolution of EN Applications</b> Brad Durkin   Technical Director   Electroless Nickel Conference
9:15 am – 10:15 am	<b>EN PROPERTIES: Overview of Electroless Properties: Help me Choose the Best EN Deposit for the Application</b> Matt Sisti   Technical Advisor   MacDermid Enthone Industrial Solutions
10:15 am – 10:30 am	Refreshment Break
10:30 am – 11:15 am	<b>EN EQUIPMENT: The Right Equipment = Success: What I Wish I Had Known About Coating Performance</b> Charles Johnson   President and Co-Owner   Palm Technology Inc.
11:15 am – 12:15 pm	<b>PRETREATMENT: Strategies for Activation and Application</b> Brad Durkin   Technical Director   Electroless Nickel Conference
12:15 pm – 1:15 pm	Lunch With the Experts
1:15 pm – 3:00 pm	<b>CHEMISTRY &amp; BATH CONTROL: EN Chemistry Care, Practical Feeding and Optimizing Solution Control</b> Boules Morcos   Plating Engineer   Continental Diamond Tool Corporation
3:00 pm – 3:15 pm	Refreshment Break
3:15 pm – 5:15 pm	<b>DEPOSIT DEFECTS: Why do I Have Deposit Corrosion Failures? Myths &amp; Facts</b> Brad Durkin   Technical Director   Electroless Nickel Conference
5:15 pm	<b>Questions &amp; Cocktails!</b> Revisit what you learned at ENCU, and get any remaining questions answered over a cocktail and some light appetizers. All ENCU Attendees will receive their "Certificate of Completion" at this event.

## MAIN ENC CONFERENCE | Wednesday, October 12, 2022

TIME	PRESENTATION
7:00 am – 8:00 am	Registration & Continental Breakfast
8:00 am – 8:15 am	<b>Opening Remarks</b> Brad Durkin   Technical Director   Electroless Nickel Conference
<b>SESSION 2: BUSINESS &amp; QUALITY PERSPECTIVES   Moderator: Bill Fields, Nickelman</b>	
8:15 am – 8:40 am	<b>Recent Global Impacts and Their Effects on Pricing &amp; Availability of Raw Materials</b> Marc Aleksinas   Metal Chem
8:40 am – 9:05 am	<b>Nickel Supply Chain Today</b> Kathryn Wells   Nickelman
9:05 am – 9:30 am	<b>The Anatomy of a NADCAP Audit</b> Mike Burnson   CEF/NADCAP Auditor
9:30 am – 9:55 am	<b>Accreditations, Specifications and Certifications</b> Dan Englebert   Imagineering Finishing Technologies
9:55 am – 10:15 am	<b>Session 2: Panel Q&amp;A</b> This Q&A period will feature all Session 2 speakers. Be sure to have your questions ready!
10:15 am – 10:30 am	Refreshment Break
<b>SESSION 3: IMPROVING MY EN QUALITY OUTPUT   Moderator: Charles Johnson, Palm Technologies</b>	
10:30 am – 10:55 am	<b>Comparison of Electroless Nickel over Electrolytic Nickel from a Job Shop Perspective</b> Matt Lindstedt   Advanced Plating Technologies
10:55 am – 11:20 am	<b>Factors That Influence the Neutral Salt Spray Performance of HPEN Over Steel Substrates</b> Jordan Beavers   Metal Chem
11:20 am – 11:45 am	<b>What Type of "Strike" do I Really Need?</b> Brad Durkin   Technical Director   Electroless Nickel Conference
11:45 am – 12:10 pm	<b>Strategies for Large Parts: Racking, Fixturing and Processing</b> Phillip Brockman   Techmetals
12:10 pm – 12:30 pm	<b>Session 3: Panel Q&amp;A</b> This Q&A period will feature all Session 3 speakers. Be sure to have your questions ready!

## MAIN ENC CONFERENCE (CONTINUED) | Wednesday, October 12, 2022

12:30 pm – 1:30 pm	Networking Lunch: Ask the Expert Roundtable Lunch With Q&A
<b>SESSION 4: UPGRADING MY EN PERFORMANCE</b>   Moderator: Scott Francis, Products Finishing	
1:30 pm – 1:55 pm	<b>Sustainability in the Plating Shop</b> Skip Griffin   Metal Finishing Technologies
1:55 pm – 2:20 pm	<b>EN Plate-out Prevention</b> Travis Johnson   Avtec Finishing Systems
2:20 pm – 2:45 pm	<b>Case Study: Plating Shop Conversion to Single Component EN System</b> Michael Feldstein   Surface Technology Inc.
2:45 pm – 3:00 pm	<b>Session 4: Q&amp;A Panel</b> This Q&A period will feature all Session 4 speakers. Be sure to have your questions ready!
3:00 pm – 3:15 pm	Refreshment Break
<b>SESSION 5: UNDERSTANDING HOW BEST TO MANAGE WASTE FROM EN PROCESSING</b> Moderator: Mike Aleksinas, Metal Chem	
3:15 pm – 3:40 pm	<b>Waste Management of EN 2022</b> Mike Aleksinas   Metal Chem
3:40 pm – 4:05 pm	<b>Low Metal Operation of Electroless Nickel Systems</b> Ambrose Schaffer   MEIS
4:05 pm – 4:30 pm	<b>EN Bath Life Extension via Electrodialysis Technology</b> Brad Staples   ATOTECH
4:30 pm – 4:45 pm	<b>Session 5: Panel Q&amp;A</b> This Q&A period will feature all Session 5 speakers. Be sure to have your questions ready!
4:45 pm – 5:00 pm	End of Day Remarks
5:00 pm – 6:15 pm	<b>On-Site Reception: Questions &amp; Cocktails!</b>

## MAIN ENC CONFERENCE | Thursday, October 13, 2022

TIME	PRESENTATION
7:00 am – 8:00 am	Registration & Continental Breakfast
8:00 am – 8:15 am	<b>Opening Remarks &amp; Recap</b> Brad Durkin   Technical Director   Electroless Nickel Conference
<b>SESSION 6: EN TECHNOLOGY &amp; APPLICATIONS I</b>   Moderator: Ambrose Schaffer, MEIS	
8:15 am – 8:40 am	<b>Perspectives: EN State of the Union Today</b> Michael Feldstein   Surface Technology Inc.
8:40 am – 9:05 am	<b>Solutions for Removing Difficult Adhesives – Evaluation of Permanent Adhesive Release Coatings</b> Scott Schewe   Pioneer Metal
9:05 am – 9:30 am	<b>Understanding Antimicrobial Electroless Nickel Treated Articles for Diversification of Business</b> Paul Feagins   LEKEM
9:30 am – 9:55 am	<b>PFAS in EN/PTFE, What Does it all Mean?</b> Helmut Horsthemke   MacDermid Enthone Industrial Solutions
9:55 am – 10:15 am	<b>Session 6: Panel Q&amp;A</b> This Q&A period will feature all Session 6 speakers. Be sure to have your questions ready!
10:15 am – 10:30 am	Refreshment Break
<b>SESSION 7: EN TECHNOLOGY &amp; APPLICATIONS II</b>   Moderator: Kurt Weamer, Wolkerstorfer	
10:30 am – 10:55 am	<b>Composite Electroless Coatings Update 2022</b> Michael Feldstein   Surface Technology Inc.
10:55 am – 11:20 am	<b>Rise of the EV, Implications and Applications for Electroless Nickel</b> Douglas Hughes   MacDermid Enthone Industrial Solutions
11:20 am – 11:45 am	<b>A New Level of Corrosion Resistant High P Electroless Nickel</b> Collin Peters   ATOTECH
11:45 am – 12:05 pm	<b>Session 7: Panel Q&amp;A</b> This Q&A period will feature all Session 7 speakers. Be sure to have your questions ready!
12:05 pm – 12:20 pm	Conference Concludes: Final Remarks