



CSAT Meeting AGENDA

Tuesday, June 9, 2026, Meeting Time: 8:00am-5:10pm

Dr. Victor Kenneth Champagne, Jr. (Welcome & Keynote Address) 0800-0830
 Presenter Presentation Topic Time

Session 1: Cold Spray Additive Manufacturing & Repair: Moderator-Dr. Victor Champagne, Jr.

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| 1. Aaron Nardi, VRC Metal Systems | Advancements in Field Deployable CSAM Repair & Processing | 0830-0850 |
| 2. Steven Camilleri, SPEE3D | Real World Applications of Cold Spray Additive Manufacturing | 0850-0910 |
| 3. Kirstyn Roberts, Eaton Corp. | Industrializing CS: Adoption Barriers, Wins, and Verification | 0910-0930 |
| 4. Dan Stanley, NAVSEA | NAB 3D Printed Cooler Head- CS Qualification for NAVSEA | 0930-0950 |
| 5. Dr. T. Eden & Dr. A. Nacarelli, PSU | Cold Spray Process Development for Nickel Aluminum Bronze | 0950-1010 |
| Exhibit Area | BREAK AND NETWORKING | 1010-1050 |

Session 2: Cold Spray Applications, Moderator-Aaron Nardi

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| 6. Bruno Zamorano, Boeing-AL | Cold Spray Structural Repair for Aerospace | 1050-1110 |
| 7. Fred Lancaster, NAVAIR & Matt Chu, Fleet Readiness Center-SW | Cold Spray Development at Naval Air Systems Command (NAVAIR) | 1110-1130 |
| 8. Katerina Frederick, Westinghouse | Cr Coating Cladding Optimization Performance | 1130-1150 |
| 9. JP Lacy, EPRI | Evaluation of Cold Spray for Nuclear Power Plant Applications | 1150-1210 |
| 10. Sridhar Niverty, PNNL | Zn Surface Protection of Automotive Magnesium Alloys | 1210-1230 |
| Exhibit Area | LUNCH | 1230-1330 |

Session 3: Quality Control, Moderator-Dr. Danielle Cote

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| 11. Chris Giesige, Exosens | Infrared Thermography to Measure In-Flight Particle Velocity a | 1330-1350 |
| 12. Jean-Félice Henri, Tecnar | Cold Spray Diagnostics - From Research to Production Lines | 1350-1410 |
| 13. Simon Bellemare, MMT | Surface Mechanical Testing Toughness/Elongation @ Break | 1410-1430 |
| 14. Tatu Leppänen, Oseir | Optimizing Cold Spray via Integrated Diagnostics | 1430-1450 |
| Exhibit Area | BREAK AND NETWORKING | 1450-1530 |

Session 4: Novel CSAM Techniques, Moderator-Dr. Isaac Nault

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| 15. Ozan Ozdemir, Northeastern U. | Vacuum Cold Spray for Ceramic Particle Deposition | 1530-1550 |
| 16. Tanaji Paul, FIU | Hydrogen CS Microstructural Strengthening in GRCop-42 | 1550-1610 |
| 17. Kentaro Shinoda, AIST | Ceramic deposition by hybrid aerosol deposition process | 1610-1630 |
| 18. Tristan Bacha, ARL | Aerospike Nozzles for Cold Spray | 1630-1650 |
| 19. Rony Thomas Murickan, FIU | Strain-Rate Consol. of Boron Nitride Nanoplatelets via CS | 1650-1710 |
| RECEPTION | DCU Center Concourse (Poster Session-Exhibits) | 1710-1800 |

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Wednesday, June 10, 2026 Meeting Time: 8:00am-1:30pm

Session 5: Cold Spray Process Control & Feedstock Powders, Moderator-Dr. Ozan Ozdemir

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| 1. James Haley, ORNL | Accelerated Residual Stress of CSAM 3D Image Correlation | 0800-0820 |
| 2. Michael Schmitt, HAMR | Cold Spray Additive Manufacturing of Large Components | 0820-0840 |
| 3. Henry Dunphy, Solvus Global | Unifying Data and Hardware for Next-Gen Cold Spray | 0840-0900 |
| 4. Rajiv Mishra, Optimus Alloys | Strength-Ductility Paradigm in Cold Sprayed Alloys | 0900-0920 |
| 5. Eric Rhodes, Metal Powder Works | Morphology That Matters: DirectPowder™ for Cold Spray | 0920-0940 |
| 6. Zia Peck, Powders on Demand | Targeted Feedstock Design for Modern Cold Spray | 0940-1000 |
| Exhibit Area | BREAK AND NETWORKING | 1000-1030 |

Session 6: Cold Spray Applications, Moderator-Dr. Michael Schmitt

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| 7. Thomas Haymond, Titomic | Titomic Kinetic Fusion: Bringing Ideas to Fielded Innovation | 1030-1050 |
| 8. Julio Villafuerte, CenterLine | Smart Repair: Successful Dimensional Restoration | 1050-1110 |
| 9. Jan Kondas, Impact Innovations | Advances in CSAM & Mobile Cold Spray System Development | 1110-1130 |
| 10. Philipp Chmielinski, Plasma Giken | A Study of Cold Spray Inconel 718 Alloy Coatings | 1130-1150 |
| 11. Samuel Bedard, EWI | Robotic CS Modeling & Precision Calibration AI Comp. Repair | 1150-1210 |
| 12. Keita Nomoto, University of Sydney | A Study of Cold Spray Interparticle Bonding | 1210-1230 |
| Exhibit Area | LUNCH | 1230-1330 |

Expeditionary Demonstrations @ Worcester Polytechnic Institute

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| RECEPTION | Expeditionary Demonstrations @ WPI West Lot | 1400-2000 |
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