

**2023 AACE INTERNATIONAL CONFERENCE & EXPO - TECHNICAL PROGRAM SCHEDULE** (Rev 2023-05-25 @12:10PM)

June 11, 2023

SUN 12:00-1:00

| Salon A1/Lower Level                                 | Salon A2/Lower Level  | Salon A3/Lower Level  | Salon A4/Lower Level   | Salon A5/Lower Level   | Salon C1-2/Lower Level   | Salon C3-4/Lower Level  | Salon C5-6/Lower Level   |
|--|---|---|--|--|--|---|--|
| <b>CDR-3997</b>                                      | <b>CDR-4059</b>   | <b>PS-3990</b>  | <b>DSAA-4101</b>   | <b>DEV-4033</b>  | <b>RISK-4170</b>   | <b>EST-3995</b>   | <b>TCM-4048</b>  |
| <b>Advanced Measured Mile Method Using GMM</b>       | <b>Benefits for Dispute Boards with the Application of AACE International Recommended Practices</b> | <b>Managing the Master Schedule for Multi-Prime Contracts</b> | <b>Data-Driven Schedule Risk Forecasting for Construction Mega-Projects</b>              | <b>Best Practices in Implementing Emerging Technologies in Construction Controls</b> | <b>Risk Identification and Assessment of Facility Engineering for International Oil and Gas Projects</b> | <b>(Presentation Only) Uncovering the Mystery: Dialing in the Productivity Impact to Project Field Labor Cost</b> | <b>Implementation of an Integrated Phase-Gate Project Controls Process</b> |
| Dr. Wael El Ghandour; Brahim Seddiki; Belkacem Foura | Luis Otavio Rosa  | Pirouz Bozorgnia, PSP; Ibrahim Odeh; Weijia Chen              | Vahan Hovhannisyanyan; Peter Zachares; Alan Mosca; Yael Grushka-Cockayne; Carlos Ledezma | Ben Milner; Dr. Bahadir V. Barbarosoglu, CCP EVP PSP                                 | Li Huaiyin; Xuebo Dang; Lei Zhang; Jiayin Wang   | Christopher L. Kinney   | Christopher W. Carson, CEP DRMP PSP FAACE; Leo Carson-Penalosa             |
| HOST: Nick Florez                                    | HOST: Lucia Vernon  | HOST: Sharad Mathur   | HOST: Brian Smith  | HOST: Julia Zummo  | HOST: Neil Opfer   | HOST: Sudhakar Pulagam  | HOST: Humin Shi  |

SUN 1:15-2:15

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| <b>IND-4193</b>   | <b>CDR-4055</b>  | <b>PS-4061</b>  | <b>EST-4062</b>   | <b>DEV-4077</b>   | <b>RISK-4091</b>  | <b>BIM-4087</b>   | <b>CSC-4102</b>  |
| <b>(Presentation Only) Industry Showcase - ARETE: Simplifying Risk Management through Artificial Intelligence</b> | <b>Total Cost Claim Versus Global Claim in Construction Claims</b> | <b>Past Performance Can Be a Good Indicator of Future Results</b> | <b>Using Case Based Reasoning to Improve Top-Down Estimate Accuracy</b> | <b>The Evolution to Well-Rounded Project Controls Professionals in Aviation</b> | <b>Reducing Subjectivity of Qualitative Risk Scoring and Analysis</b> | <b>BIM and VE Optimization for Construction Schedule and Cost Control</b> | <b>Why Large Capital Projects Are Too Often Over Budget and What to Do About It?</b> |
| Carlos Mendizabal   | Dr. Tong Zhao, PE CCP CFCC PSP; Robert B. Cavoto                   | Tara L. Hannebaum; William C. Schwartzkopf                        | Dr. Nils J. Gransberg; Safa Maraqa; Beau Solimando                      | Dana N. Rutledge  | Dr. Ashraf Salem, P.Eng.; Dr. Emad Elwakil, PE CCP                    | Dr. Kwame B.O. Amoah  | Glen R. Palmer, CFCC PSP FAACE; Dr. Lev Virine, P.Eng.                               |
| HOST: Duan van der Merwe  | HOST: Nick Florez  | HOST: Julia Zummo   | HOST: Francisco Cruz  | HOST: Brian Smith   | HOST: Jessica Colbert   | HOST: Béatrice Nasui  | HOST: Addressa Figueira  |

SUN 2:15-2:45

SUN 3:00-4:00

**Coffee Break - International Ballroom (2nd Floor)**

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| <b>RISK-4038</b>  | <b>CDR-4156</b>   | <b>PS-4070</b>   | <b>CDR-4082</b>  | <b>EVM-4050</b>  | <b>IT-4095</b>   | <b>EVM-4025</b>   | <b>DSAA-4192</b>   |
| <b>Lessons Learned from the US Department of State, Bureau of Overseas Buildings Operations, Office of Construction Management on its Enterprise-wide Implementation of Project Risk Management</b> | <b>Construction Claim Work Book for Forensic Analysis</b> | <b>Identifying and Understanding Schedule Revisions using Basic Primavera Software</b> | <b>Schedule Updates Using Remaining Original Duration versus Remaining Work Duration</b> | <b>Effectiveness of the Earned Schedule vs. the Earned Value</b> | <b>Bidding Process Budget and Proposals Comparative Analysis</b> | <b>Fully Integrating Earned Value and CPM Schedule Analysis at a Causal Level – A New Analytical Approach</b> | <b>(Panel Discussion) AI in Project Controls and Forensic Analysis</b>   |
| Sholeh Lee, PE; Benjamin R. Hodel; Justin Jacobsen, PRMP PSP; Michael T. Siburt, PE CCP PRMP PSP  | Dr. Wael El Ghandour                                      | Matthew Marzilli, PSP; Michael P. Ryan, PE PSP   | Thomas C. Long   | Keight Charles Navarro Hurtado, PSP                              | Leandro André; Vitor dos Santos Borré                            | J. Gerard Boyle, CFCC   | Avi Sharma (Moderator); Kenji P. Hoshino, CFCC PSP FAACE; Dev Amratia; Daniel P. Gilmour, PSP; Patricia Kusumadjaja, CEP; Lucia Vernon |
| HOST: John Orr  | HOST: Brian Smith   | HOST: Nick Florez  | HOST: Kristy Kastner   | HOST: Trevor Crawford  | HOST: Julia Zummo  | HOST: Dan Melamed   | HOST: Avi Sharma   |

SUN 4:15-5:15

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|--|--|---|---|---|--|---|---|
| <b>DEV-4028</b>  | <b>CDR-4027</b>  | <b>PS-4042</b>  | <b>CDR-4037</b>   | <b>RISK-4144</b>  | <b>INT-4030</b>  | <b>EST-4013</b>   | <b>DEV-4161</b>   |
| <b>(Panel Discussion) Women in Project Controls: Friend, Foe or Bystander</b>                    | <b>The Risk of Mitigation - A Case Study of the Impact of Contemporaneously Changing Logic</b> | <b>Extending Your CPM Schedules to Embrace the Power of Linear Scheduling</b> | <b>Forensic Delay Analysis of Disrupted Projects: An Alternative Approach Using System Dynamics</b> | <b>A Risk-Based Approach to Construction Management</b> | <b>Logistic Challenges in Large-Sized Theme Park Projects in China and An Appropriate Management Model</b> | <b>Confronting Price Escalation and Volatility Issues with Construction Materials</b> | <b>(Panel Discussion) Rising Career Stories in Planning &amp; Scheduling</b>  |
| Tracy Leung, P.Eng. (Moderator); Shoshanna Fraizinger, CCP; Nicole Johnson, CEP; Dr. Rania Fayed | Brenton J. Sadauskas, PSP; Russell H. Wodiska, EVP   | Santosh Bhat, PSP; Christopher W. Carson, CEP DRMP PSP FAACE                  | Alexander Voigt; Moneer S. Khalaf; Dr. Sam G. Mattar  | Chloe E. Edwards; Yasaman Shahtaheri                    | Lan Zhang; Tianqi Xiong; Renjun Luo  | Neil D. Opfer, CCP CEP PSP FAACE  | Matthew Pringle, PSP (Moderator); Jessica M. Colbert, PRMP PSP; Matthew Freih, PE PSP; Daniel P. Gilmour, PSP; Avi Sharma |
| HOST: Julia Zummo  | HOST: Nick Florez  | HOST: John Matsumoto  | HOST: Donald McDonald   | HOST: Anthony Mills                                     | HOST: Golar Zafnejad   | HOST: Nils Gransberg  | HOST: Keith Rines   |

SUN 5:30-6:30

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|--|---|---|---|---|--|--|--|
| <b>PS-3964</b>   | <b>CDR-4121</b>   | <b>PS-4044</b>  | <b>EST-4191</b>   | <b>RISK-3965</b>  | <b>INT-4035</b>  | <b>EVM-4080</b>  | <b>COM-4176</b>  |
| <b>(Panel Discussion) Two Truths and a Lie Game - Fellows Edition</b>  | <b>Death by a Thousand Cuts: Cumulative Impact Claims</b> | <b>Integrating Sustainability Metrics with CPM Schedules: A Novel Approach with Applications in the Construction Industry</b> | <b>(Presentation Only) Common Misapplication of Estimate Classification RPs</b> | <b>Perceptions and Use of Building Price Data in Australia</b>  | <b>Challenges of Contractor's Management Organization for a Large Semiconductor Project in China</b> | <b>Using Earned Value and Parametric Methods to Estimate Remaining Costs of Construction</b> | <b>(Presentation Only) Asset Management Subcommittee Meeting</b> |
| Christopher W. Carson, CEP DRMP PSP FAACE; Ronald M. Winter, PSP FAACE; Glen R. Palmer, CFCC PSP FAACE; Kenji P. Hoshino, CFCC PSP FAACE; John J. Ciccarelli, PE CCP PSP FAACE | Colleen Lenz; David M. Ponte, PE CFCC                     | Dr. Achintyamugda S. Sharma; Dr. Priyanka Deka; Goutam Jois, Esq.; Umesh K. Jois  | Larry R. Dysert, CCP CEP DRMP FAACE Hon.Life                                    | Dr. Anthony J. Mills; Dr. Argaw Gurmu; Dr. Citra Ongkowijoyo; Dr. Wenyang Yao; Dr. Alexia A. Nalewajk, CCP FAACE; Anthony Lieberman | Lan Zhang; Jian Chen; Jiang Lu   | Glauco Bezerra da Silva  | H. Lance Stephenson, CCP FAACE                                   |
| HOST: John Matsumoto   | HOST: Nick Florez   | HOST: Niyi Ladipo   | HOST: Fred Wellman  | HOST: Sudhakar Pulagam  | HOST: Julia Zummo  | HOST: Luis Otavio Rosa   | HOST: Not Applicable   |

SUN 6:30-8:00

**Opening Reception - International Ballroom (2nd Floor)**

**2023 ACEE INTERNATIONAL CONFERENCE & EXPO - TECHNICAL PROGRAM SCHEDULE** (Rev 2023-05-25 @12:10PM)

|                      | Salon A1/Lower Level  | Salon A2/Lower Level  | Salon A3/Lower Level   | Salon A4/Lower Level   | Salon A5/Lower Level  | Salon C1-2/Lower Level  | Salon C3-4/Lower Level  | Salon C5-6/Lower Level   | Marquette/3rd Floor   |
|----------------------|---|---|--|--|---|---|---|--|---|
| <b>June 12, 2023</b> | <b>Breakfast - International Ballroom (2nd Floor)</b>   |   |  |  |   |   |   |  |   |
| MON 7:00-8:00        | <b>Keynote Session - Continental Room (Lobby Level/Stevens Meeting Center)</b>  |   |  |  |   |   |   |  |   |
| MON 8:00-9:30        | <b>Coffee Break - International Ballroom (2nd Floor)</b>  |   |  |  |   |   |   |  |   |
| MON 9:30-10:00       |   |   |  |  |   |   |   |  |   |
| MON 10:15-11:15      | <b>CSC-4023</b>   | <b>CDR-4026</b>   | <b>PS-4157</b>   | <b>EST-4104</b>  | <b>TCM-4079</b>   | <b>OWN-4166</b>   | <b>EVM-4133</b>   | <b>IND-4188</b>  | <b>COM-4178</b>   |
|                      | (Panel Discussion) Project Controls - A Profession on the Edge of Extinction or Rebirth?<br><br>Kim D. Forbes, PSP; Ghaith Al-Hiyari, CCP; Carlos Ortega; Lucia Vernon; Duan van der Merwe (Moderator)<br><br>HOST: Sharad Mathur   | The Hybrid Earned Value Analysis – A Proxy for the Measured Mile<br><br>Ryan N. Witters; Russell H. Wodiska, EVP<br><br>HOST: Luis Otavio Rosa  | Scheduling Requirements Across the U.S. Federal Government: Summary and Recommendations<br><br>Michael R. Nobsisch, CCP PSP FAACE; Diane Bragoni, PSP<br><br>HOST: Nick Florez         | FY2022 Department of Energy Project Management Escalation Study for Capital Assets<br><br>Matthew Zachary West; Dipali R. Amin<br><br>HOST: Dan Melamed                | Aligning Organizational Drivers with the Benefit of Projects Controls for Aviation Government Entities<br><br>Dana N. Rutledge; Stuart B. Wood; Steven Andersen<br><br>HOST: Dayna Anderson   | Project Contingency Forecasting – Owner’s Perspective<br><br>Rajmohan Mishra<br><br>HOST: Emily Smith   | Comparing Different Methods of Performance Measurement for Earned Value for Linear Infrastructure Industry with Recommendation<br><br>Abbas Saifi, CCP EVP PSP<br><br>HOST: Eric Vyskocil | (Presentation Only) Industry Showcase - Contruent: The Future of Construction Technology<br><br>TBD<br><br>HOST: Keith Rines   | (Presentation Only) Business & Program Planning Subcommittee Meeting<br><br>Francisco Cruz Moreno, PE CCP<br><br>HOST: Not Applicable   |
| MON 11:30-12:30      | <b>IND-4179</b>   | <b>IND-4180</b>   | <b>IND-4181</b>  | <b>IND-4182</b>  | <b>IND-4183</b>   | <b>IND-4184</b>   | <b>IND-4187</b>   | <b>IND-4186</b>  | <b>IND-4185</b>   |
|                      | (Presentation Only) Industry Showcase - Contruent: The Human Element of Capital Project Management<br><br>Karl Vantine<br><br>HOST: João Dias   | (Presentation Only) Industry Showcase - InEight: Seeing the Bigger Picture Together: Connected Data for Smarter Decisions<br><br>Rick Deans, EVP; Matt Gramblicka<br><br>HOST: Quinn Siner  | (Presentation Only) Industry Showcase - SmartPM Technologies, Inc.: Using Project Schedule Data to Identify Organizational Risks<br><br>Michael Pink, CCE PSP<br><br>HOST: Keith Rines | (Presentation Only) Industry Showcase - Deltek<br><br>TBD<br><br>HOST: John Newman   | (Presentation Only) Industry Showcase - Cleopatra Enterprise: Revolutionizing Total Project Management: How Cleopatra Enterprise is Shaping the Future of Project & STO Management<br><br>Elmer Sachteleben<br><br>HOST: Dayna Anderson   | (Presentation Only) Industry Showcase - Planisware<br><br>TBD<br><br>HOST: Neil Opfer   | (Presentation Only) Industry Showcase - Riskconnect, Inc.: Why Projects Fail – and What to Do About It<br><br>David Emanuel<br><br>HOST: Jessica Colbert                                  | (Presentation Only) Industry Showcase - Hexagon: Measuring Performance with Digital Progress Management<br><br>Cynthia Gomes<br><br>HOST: Desh Sharma  | (Presentation Only) Industry Showcase - Hatch Ltd.: Ensuring Cost Effective and efficient delivery with Integrated Project Controls & Risk Management<br><br>Leslie E. McMullan, FAACE; Camelia Bucur; Ashwin Lala<br><br>HOST: Hagire Emrani |
| MON 12:30-1:45       | <b>Lunch - International Ballroom (2nd Floor)</b>   |   |  |  |   |   |   |  |   |
| MON 2:00:3:00        | <b>CDR-4051</b>   | <b>CDR-4123</b>   | <b>PS-4021</b>   | <b>CSC-4122</b>  | <b>DSAA-4109</b>  | <b>ADV-3966</b>   | <b>TCM-4106</b>   | <b>IND-4189</b>  | <b>COM-4175</b>   |
|                      | Assigning As-Planned Gains-Delays in MIP 3.4, Split Contemporaneous Period Analysis<br><br>Christopher W. Carson, CEP DRMP PSP FAACE; John J. Ciccarelli, PE CCP PSP FAACE; Kenji P. Hoshino, CFCC PSP FAACE; Greta A. Martin, PE PSP; Mark F. Nagata, PSP<br><br>HOST: Nick Florez | The Schedule Delay Analysis for Subcontractors – Different by Necessity<br><br>Charles E. Bolyard, Jr. CFCC PSP FAACE Hon. Life; Laura Freas<br><br>HOST: Donald McDonald                   | How to Save a Troubled Project: Case Studies of Transitioning to Takt Planning<br><br>A. Keith Rines, PE PSP<br><br>HOST: Jared Neumeier   | Major Project Execution Cost Forecasting – Back to Basics<br><br>Moses Y. Nkuah, CCP EVP<br><br>HOST: Seth Agyepong-Wiafe  | A Milestone in a Digital Transformation Journey: Implementation of ISO 19008 Taxonomy as Part of Chevron’s Cost Engineering Data Transformation<br><br>Emily Smith; Abbas Shakourifar, PSP<br><br>HOST: Sudhakar Pulagam  | Optimization of Procurement in the Construction Industry: What Today’s Environment Has Taught Us<br><br>Robert Raynes<br><br>HOST: Osama Moselhi  | Developing Cost-Models from a Contractor’s Cost-Loaded Schedule<br><br>John B. Newman, CCP CEP<br><br>HOST: Chris Howells   | (Presentation Only) Industry Showcase - Safran<br><br>TBD<br><br>HOST: Dayna Anderson  | (Presentation Only) Earned Value Management Subcommittee Meeting<br><br>Michael F. Marcell, EVP PSP<br><br>HOST: Not Applicable   |
| MON 3:00-3:30        | <b>Coffee Break - International Ballroom (2nd Floor)</b>  |   |  |  |   |   |   |  |   |
| MON 3:45-4:45        | <b>DSAA-4001</b>  | <b>CDR-3968</b>   | <b>TCM-4139</b>  | <b>CDR-4138</b>  | <b>EVM-4159</b>   | <b>EST-4160</b>   | <b>PM-4150</b>  | <b>BIM-4081</b>  | <b>COM-4171</b>   |
|                      | Lean Operating Systems – Project and Portfolio Management Data Visualization Using Integrated Reporting<br><br>John W. Blodgett; Bria Goggins; Erica Sinkey; Randy Smith<br><br>HOST: John Matsumoto  | Validating Change Order Requests for Forensic Analysis<br><br>David Carlson; Keefe Mulligan; Khaled Alhamouri<br><br>HOST: John Newman  | Performing Under Pressure – Implementing TCM Principles in an Evolving Project Environment<br><br>Courtney J. Gosewisch, CCP<br><br>HOST: Dayna Anderson                               | The Theory of Delay: Timing and Basis for Identifying and Measuring Delay<br><br>Mark C. Sanders, PE CCP CFCC PSP<br><br>HOST: Nick Florez                             | A Case Study on Implementing the Integrated Project/Program Management Maturity and Environment Total Risk Rating using an Earned Value Management System<br><br>Melvin G. Frank; Hala Sanboskani; David Kester; Mounir El Asmar; Dr. G. Edward Gibson Jr; Matthew Z. West<br><br>HOST: Dan Melamed | (Presentation Only) Material Increase, Supply-Chain Issues, and Market Volatility Impacts<br><br>Peter R. Bredehoeft, Jr. CEP FAACE<br><br>HOST: Roy Howes  | (Presentation Only) How to Create a World Class Project Management Organization?<br><br>Dr. Nick J. Lavingia, PE<br><br>HOST: Mike Pytlík   | (Presentation Only) Building Information Modeling: Not just Clash Detection Anymore<br><br>Michael Danish; Michael F. Marcell, EVP PSP<br><br>HOST: Michel Guévremont                                      | (Presentation Only) Planning and Scheduling Subcommittee Meeting<br><br>Daniel P. Gilmour, PSP<br><br>HOST: Not Applicable  |
| MON 5:00-6:00        | <b>CDR-4158</b>   | <b>CDR-4072</b>   | <b>PS-4151</b>   | <b>EST-4016</b>  | <b>EVM-4093</b>   | <b>DSAA-4094</b>  | <b>PM-4076</b>  | <b>BIM-4065</b>  | <b>COM-4172</b>   |
|                      | Schedule Delay Analysis in a Multi-Prime Environment<br><br>Joseph W. Wallwork, PE CCP CFCC PSP; Matthew A. Street, PSP; Eric J. Wallwork<br><br>HOST: Nils Gransberg   | Using a Measured Mile Productivity Analysis in Combination with a Collapsed As-Built Delay Analysis<br><br>Michelle McMillan, P.Eng.; Nawfal Merzouk, P.Eng.<br><br>HOST: Kristin Glavitsch | Advanced CPM Milestone Review<br><br>Ronald M. Winter, PSP FAACE<br><br>HOST: John Matsumoto   | Does Historical Data on Unique Government Nuclear Facilities Have an Expiration Date?<br><br>Robert G. Fatzinger, CEP; Alfred G. Levinson<br><br>HOST: Michael Marcell | Use of Duration-Day Resource Earned Value to Monitor Performance<br><br>Christopher W. Carson, CEP DRMP PSP FAACE; Andrew Dick, PSP<br><br>HOST: Hetali Doshi   | Integrated Real-Time Location System Information and 3D Point Clouds for Object Localization Onsite Using Deep Neural Networks<br><br>Hassan Bardareh; Dr. Osama El Sayed Moselhi, P.Eng. FAACE<br><br>HOST: Yasaman Shahtaheri | Maturity Gain With the Application of PEP in Mining and Steel Projects<br><br>Jéssica Chequer dos Santos<br><br>HOST: Neil Opfer  | Key Benefits of 4D BIM Scheduling Implementation in Oil & Gas Projects and the Challenges<br><br>Muhammad Azri Ahmad Baharom; Khairul Hafiz Zolkipli; Rodzleana Abdul Razak<br><br>HOST: Michel Guévremont | (Presentation Only) Claims and Dispute Resolution Subcommittee Meeting<br><br>Mark F. Nagata, PSP<br><br>HOST: Not Applicable   |
| MON 6:00-7:30        | <b>Certification Reception - Waldorf (3rd floor)</b>  |   |  |  |   |   |   |  |   |

**2023 ACEE INTERNATIONAL CONFERENCE & EXPO - TECHNICAL PROGRAM SCHEDULE** (Rev 2023-05-25 @12:10PM)

|                      | Salon A1/Lower Level  | Salon A2/Lower Level   | Salon A3/Lower Level  | Salon A4/Lower Level   | Salon A5/Lower Level  | Salon C1-2/Lower Level  | Salon C3-4/Lower Level   | Salon C5-6/Lower Level   | Marquette/3rd Floor  |
|----------------------|---|--|---|--|---|---|--|--|--|
| <b>June 13, 2023</b> | <b>Breakfast - International Ballroom (2nd Floor)</b>   |  |   |  |   |   |  |  |  |
| TUE 7:00-8:00        | <b>Plenary Session - Continental Room (Lobby Level/Stevens Meeting Center)</b>  |  |   |  |   |   |  |  |  |
| TUE 8:00-9:30        | <b>Coffee Break - International Ballroom (2nd Floor)</b>  |  |   |  |   |   |  |  |  |
| TUE 9:30-10:00       | <b>CSC-4074</b>   | <b>CDR-3977</b>  | <b>EST-4129</b>   | <b>PS-4018</b>   | <b>RISK-4118</b>  | <b>OWN-4056</b>   | <b>CDR-3963</b>  | <b>PM-4141</b>   | <b>COM-4177</b>  |
| TUE 10:15-11:15      | Contingency Drawdown and the Roadmap to the Project Cost at Completion<br><br>Ghaith Al-Hiyari, CCP; Bahy Saleh, CCP PRMP; Sedat Akkaya<br><br>HOST: Hagire Emrani  | A Primer for Claims and Disputes (Claims 101)<br><br>John J. Ciccarelli, PE CCP PSP FAACE; Erin M. Fallon, CCP PSP<br><br>HOST: Luis Otavio Rosa   | Utilization of Internal Cost Benchmarking in EPC Bidding<br><br>Mu Chen, CCP<br><br>HOST: Dayna Anderson  | Benefits and Applications of Half-Step Scheduling<br><br>Joao Paulo Matos Dias, PSP; Loami Cabral<br><br>HOST: Nils Gransberg  | A Causal Approach to Integrated Risk Analysis Using Time Performance Factors<br><br>J. Gerard Boyle, CFCC<br><br>HOST: Chris Howells  | Project Control for Owners' Small Project Portfolios<br><br>Stephen L. Cabano, FAACE<br><br>HOST: Nick Lavingia   | Pitfalls to Avoid When Quantifying Extended Field Office Overhead Costs<br><br>Suleiman Al Rai, PE PSP; Cory R. Milburn, CCP CFCC PSP<br><br>HOST: Nick Florez                       | New Payment Provision for Win-Win Negotiations Between Contractor and Subcontractors Using Genetic Algorithms<br><br>Ashraf El Azouni; Ali Fares<br><br>HOST: Addressa Figueira                          | (Presentation Only) Data Science and Advanced Analytics Subcommittee Meeting<br><br>H. Lance Stephenson, CCP FAACE<br><br>HOST: Not Applicable |
| TUE 11:30-12:30      | <b>OWN-4168</b>   | <b>CDR-3955</b>  | <b>PS-4127</b>  | <b>EST-4120</b>  | <b>CSC-4154</b>   | <b>OWN-3987</b>   | <b>CDR-4068</b>  | <b>PM-4071</b>   | <b>COM-4174</b>  |
| TUE 12:30-1:45       | Enhancing the Control and Quality of Process Piping Manufacturing<br><br>Ghassan Al-Dossary, CCP; Abdullah Y. Saleh; Mohammed S. Alghamdi; Hussain A. Al-Omani, CCP CEP DRMP EVP PSP<br><br>HOST: Niyi Ladipo | Assessing Contractor Responsible Concurrence When Using MIP 3.3 – Can a Sensible Procedure be Developed?<br><br>Ronald J. Rider; Dr. Stephen P. Warhoe, PE CCP CFCC FAACE Hon. Life<br><br>HOST: Jessica Colbert | Application of Linear Schedules in Project Validation and Forensic Analysis<br><br>Aldo D. Mattos, CCP PSP FAACE<br><br>HOST: Luis Otavio Rosa                            | Project Code of Accounts – Enhanced by Adding Construction or Environmental Remediation Industry Standards<br><br>Corey Clemmons; Dan Melamed, CCP EVP FAACE; Bryan A. Skokan, PE CCP; Jake Lefman; Rodney Lehman<br><br>HOST: Seth Agyepong-Wiafe | Controlling Small Projects<br><br>Sudhakar R. Pulagam, P.Eng. CCP EVP<br><br>HOST: Eric Vyskocil  | Main Considerations for Design and Implementation of Project Management Guidelines for Owner Companies<br><br>Reza Shahrani; Abbas Shakourifar, PSP<br><br>HOST: Asibeli Ugboma | Legal Pitfalls of the "Windows" Delay Analysis Method<br><br>Ahmed Y. El Sayed; Dr. Waleed M. El Nemr; Khalid S. Al-Gahtani<br><br>HOST: Nick Florez                                 | An Overview of Hydropower Construction Projects in Canada and Lessons Learned<br><br>Ali Montaser, P.Eng. CCP EVP PSP; Ahmed Montaser, EVP<br><br>HOST: Mike Pytlik                                      | (Presentation Only) Decision and Risk Management Subcommittee Meeting<br><br>Sagar B. Khadka, CCP DRMP PSP FAACE<br><br>HOST: Not Applicable   |
| TUE 2:00-3:00        | <b>Lunch - International Ballroom (2nd Floor)</b>   |  |   |  |   |   |  |  |  |
| TUE 3:00-3:30        | <b>BIM-4116</b>   | <b>CDR-4105</b>  | <b>PS-4126</b>  | <b>IND-4194</b>  | <b>RISK-4124</b>  | <b>OWN-4146</b>   | <b>CDR-4098</b>  | <b>PM-4045</b>   | <b>COM-4173</b>  |
| TUE 3:45-4:45        | Integration of BIM, CPM Schedule, Short Interval Planning, Schedule Animation, and Progress on Fast Track Projects<br><br>Britton L. Wolf; Martin Figlarz; Tyler C. Simches<br><br>HOST: Paula Rokosny        | Assessing the Reasonableness and Reliability of CPM Schedules for Use in Forensic Schedule Analyses<br><br>Brian Celeste, CCP CFCC PSP; Andrew Leavitt, CCT CST<br><br>HOST: Nick Florez                         | Changing Schedule Performance Index Methodology<br><br>Kareem M. Khattab, PSP<br><br>HOST: Asadullah Ziaei  | (Presentation Only) Industry Showcase - TBD<br><br>TBD<br><br>HOST: Duan van der Merwe   | Risk Management Lessons Learned<br><br>Christopher P. Caddell, PE CCP DRMP FAACE<br><br>HOST: Luis Otavio Rosa  | Project Controls Plan - Owner's Perspective<br><br>Syd Daneshyar, P.Eng. CCP<br><br>HOST: Hagire Emrani   | The Engineer/Initial Decision Maker's Role in Adjudicating Claims under FIDIC 2017 and AIA232-2019 Contracts<br><br>Dr. Rania Fayed; Dr. Waleed M. El Nemr<br><br>HOST: Dave Ingalls | Applying Influential Behaviors on Non-Operated Joint Venture Projects<br><br>Claudette Richard-Smith<br><br>HOST: Mike Pytlik  | (Presentation Only) Cost Estimating Subcommittee Meeting<br><br>Dave Kyle, CCP CEP<br><br>HOST: Not Applicable                                 |
| TUE 5:00-6:00        | <b>Coffee Break - International Ballroom (2nd Floor)</b>  |  |   |  |   |   |  |  |  |
| TUE 6:00-7:30        | <b>OWN-4031</b>   | <b>CDR-4111</b>  | <b>PS-4097</b>  | <b>TCM-4163</b>  | <b>BIM-4057</b>   | <b>OWN-3989</b>   | <b>RISK-4073</b>   | <b>PM-4090</b>   | <b>COM-4190</b>  |
|                      | Implementing a Data-Driven Method to Reduce Deferred Maintenance and Repair<br><br>Avi Schwartz; Jodie Kim, PE; Eric Dembert; Yue Ou; Brandon Billy; Brendan Hurley<br><br>HOST: Keith Rines                  | Maximizing Early Claims Resolution Success through Contemporaneous Project Data Capture<br><br>Kristin Glavitsch<br><br>HOST: Nick Florez  | Float Enabled Resource Envelope: A New Tool for Resource Management<br><br>Kenji P. Hoshino, CFCC PSP FAACE; Richard J. Wood; Steinar Dalva<br><br>HOST: Luis Otavio Rosa | (Presentation Only) Improving Project Delivery and Project Controls at Amtrak<br><br>Laura Mason; Jim W. Short<br><br>HOST: Asadullah Ziaei  | Leveraging BIM, Automation, and Machine Learning for Future Cost Assessment of Energy Conservation Measures<br><br>Patricia Kusumadajaja, CEP<br><br>HOST: Chris Howells            | Benchmarking with Big Data<br><br>Micah J. Meads<br><br>HOST: John Newman   | (Presentation Only) Managing Coefficient of Variation in Monte Carlo Based Cost Models<br><br>Stephen Koellner<br><br>HOST: Dave Ingalls   | Last Line of Defense: Integration of Quality Control Initiatives With Project Controls for More Predictable Outcomes<br><br>Sedat Akkaya; Krishan Mittal, P.Eng.; Noor Al-Shaikh<br><br>HOST: Diana Nada | Section Leadership Town Hall<br><br>Ghaith Al-Hiyari, CCP; Dayna L. Anderson; Debra L. Lally; Mary Kathryn Jackson<br><br>HOST: Not Applicable |
|                      | <b>CDR-4169</b>   | <b>DEV-4195</b>  | <b>PS-3986</b>  | <b>RISK-4119</b>   | <b>PS-4131</b>  | <b>DSAA-4162</b>  | <b>CSC-4005</b>  | <b>PM-4155</b>   | <b>COM-4190</b>  |
|                      | Progress is Best Measured One "Half-Step" At A Time<br><br>Christopher J. Brasco; Dakus Gunn; Glen B. Grant, PSP; Matthew D. Baker<br><br>HOST: Jim Zack  | (Presentation Only) Statistics and Probability for Cost Engineers<br><br>Larry R. Dysert, CCP CEP DRMP FAACE Hon. Life<br><br>HOST: Steve Warhoe   | A Proposal for a Standardized Set of Definitions of Work Availability<br><br>Michael A. Mac Guinness, C.Eng.<br><br>HOST: Bob Brown                                       | (Presentation Only) Quantitative Schedule Risk Analysis For Revitalization Project at Early Stages<br><br>Adalberto Marques da Costa; Rodrigo Maia Francisco da Costa<br><br>HOST: Yasaman Shahtaheri  | The Value of Total Float Values in Schedule Analysis: Ensuring and Restoring the Integrity of Schedule Float Values<br><br>Saeid Khademagha, P.Eng. PSP<br><br>HOST: Jared Neumeier | Insights on Project Performance from 500,000 Projects<br><br>Dev Amratia; Richard Bendall-Jones; Taylor Burns; Gerard Cardoso Negrie<br><br>HOST: Dave Ingalls                  | Field Overhead – Direct or Indirect Cost and the Proper Use of NAVFAC Form 4330/43<br><br>Nickolas Florez, CFCC<br><br>HOST: Keith Rines   | Interface Management Performance Framework for Brownfield Construction Projects using Construction Simulation Language<br><br>Dr. Wael El Ghandour<br><br>HOST: Nils Gransberg                           | Section Leadership Town Hall<br><br>Ghaith Al-Hiyari, CCP; Dayna L. Anderson; Debra L. Lally; Mary Kathryn Jackson<br><br>HOST: Not Applicable |
|                      | <b>Closing Reception - Continental Room (Lobby Level/Stevens Meeting Center)</b>  |  |   |  |   |   |  |  |  |