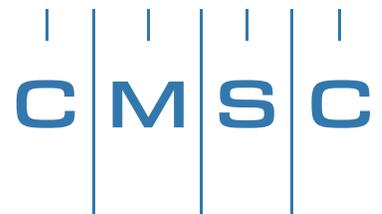


# CMSC 2022 Agenda



Agenda as of 07/21/2022  
Subject to Change



Time		Activity	Location
Start	End		
7:00 AM	5:00 PM	Boeing-Only Meeting (Boeing Badge Required)	Biscayne 2
8:00 AM	5:00 PM	Registration/Check-In Open Exhibitors / Speakers	Peninsula Reg Desk
8:00AM	5:00 PM	Exhibitor Hall Open for Set-up BADGE REQUIRED	Peninsula Ballroom
12:00 PM	5:00 PM	Registration / Check-In Open Attendees	Peninsula Reg Desk
5:30 PM	6:00 PM	New Attendee Orientation with CMSC Chair Matthew Ilardo	Biscayne 1
6:30 PM	8:30 PM	CMSC ICEBREAKER sponsored by: ATT Metrology	Networking Hub

General Sessions	Certifications	Exhibit Hall	Meals / Breaks / Receptions	General CMSC	Invitation Only
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Time		Activity	Location
Start	End		
6:30 AM	8:30 AM	BREAKFAST	Peninsula Ballroom
8:00 AM	2:30 PM	Registration Open	Peninsula Reg Desk
8:00 AM	10:00 AM	NAVY Meeting Room (Invitation Only)	Merritt 1
8:15 AM	8:45 AM	Chairman's Opening Address: Matthew Ilardo	Canaveral 1-3
8:45 AM	9:30 AM	KEYNOTE SPEAKER: Alina Burroughs	Canaveral 1-3
9:30 AM	3:00 PM	Training Sponsored by ECM: CMS Certification Prep	Biscayne 3
9:30 AM	10:00 AM	Presentation: Automated Guided Vehicle for Precise Floor Marking Speaker: Raimund Loser	Canaveral 1-3
10:00 AM	10:30 AM	Presentation: Modern Radar Metrology Speaker: Robert Strauten	Canaveral 1-3
10:30 AM	11:00 AM	Presentation: Brunson KinAiry Implementation at Lockheed Martin Space Speaker: Bob Elliot	Canaveral 1-3
11:00 AM	11:30 AM	Presentation: Review of the US Patent Literature on Digital Twins and Possible Applications for Coordinate Metrology Speaker: David H. Parker	Canaveral 1-3
11:30 AM	12:00 PM	Presentation: Fast Method for Locating Spheres in Large 3D Point Clouds in PCL Speakers: Chris Greer, Jyani Vaddi	Canaveral 1-3

General Sessions	Certifications	Exhibit Hall	Meals / Breaks / Receptions	General CMSC	Invitation Only
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Time		Activity	Location
Start	End		
12:00 PM	1:30 PM	LUNCH	Peninsula Ballroom
12:30 PM	5:30 PM	Exhibition Hall Open	Peninsula Ballroom
1:00 PM	2:00 PM	Women In Metrology: Alina Burroughs	Biscayne 1
1:30 AM	4:15 PM	Training Sponsored by Hexagon	Merritt 2
1:45 PM	2:15 PM	EZ - Spotlight On New Technology Wyvern 8th Axis	Education Zone
2:15 PM	3:00 PM	Session: Metrology for All Educational Outreach Tamador Salih Saeed	Education Zone
2:30 PM	3:00 PM	Afternoon Break with Hubbs	Hubbs Booth 204
2:45 PM	3:30 PM	EZ - Jeopardy	Education Zone
3:30 PM	4:00 PM	EZ - Spotlight On New Technology	Education Zone
4:10 PM	5:00 PM	Session: Cinematic Approaches to Metrology Amy Young	Education Zone
4:30 PM	5:15 PM	EZ - Ask The Experts Photogrammetry and Scanning	Education Zone
4:00 PM	7:00 PM	GSI User Group Meeting (Invitation Only)	Merritt 1
5:15 PM	6:00 PM	EZ - Jeopardy	Education Zone

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Time		Activity	Location
Start	End		
6:30 AM	8:30 AM	<b>BREAKFAST</b> co-sponsored by: Bal-tec	Peninsula Ballroom
8:00 AM	4:30 PM	Registration Open	Peninsula Reg Desk
8:00 AM	8:15 AM	Conference Updates: Matthew Ilardo	Canaveral 1-3
8:30 AM	9:30 AM	<b>Keynote: Michael McElwain</b> <b>Presentation: The James Webb Space Telescope Mission: Science Enabled by Metrology</b>	Canaveral 1-3
9:30 AM	3:00 PM	Training Sponsored by ECM: CMS Certification Prep	Biscayne 3
9:30 AM	10:00 AM	<b>Presentation: Eliminating the Needs for Local Coordinate Systems for the Analyses of Deformed Parts</b> <b>Speaker: Gerd Schwarderer</b>	Canaveral 1-3
10:00 AM	10:30 AM	<b>Presentation: Surface Damage Catalog for Contact - measuring Space Flight Optics using a Coordinate Measuring Machine</b> <b>Speaker: Joshua Berrier, Timothy Hahn, David Kubalak, et al.</b>	Canaveral 1-3
10:30 AM	11:00 AM	<b>Presentation: Autonomous Large Scale Weld Distortion Monitoring</b> <b>Speaker: Steven S. Seiler, Justin Novak</b>	Canaveral 1-3
11:00 AM	11:30 AM	<b>Presentation: Large Scale Aircraft Repairs with Photogrammetry and Laser Tracker</b> <b>Speaker: Michael Lazar</b>	Canaveral 1-3

General Sessions	Certifications	Exhibit Hall	Meals / Breaks / Receptions	General CMSC	Invitation Only
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Time		Activity	Location
Start	End		
11:30 AM	12:00 PM	Presentation: Improving Reliability of GD&T Evaluations Using Portable Measuring Systems Speaker: John Dorsey-Palmateer, Scott Sandwith	Canaveral 1-3
12:00 PM	1:30 PM	LUNCH	Peninsula Ballroom
12:30 PM	5:30 PM	Exhibition Hall Open	Peninsula Ballroom
1:30 AM	4:15 PM	Training Sponsored by Hexagon	Merritt 2
1:45 PM	2:15PM	EZ - Spotlight On Customer Application: TBD	Education Zone
2:15 PM	2:45 PM	EZ - Spotlight On New Technology: TBD	Education Zone
2:30 PM	3:00 PM	Afternoon Break with Hubbs	Hubbs Booth 204
2:45 PM	3:30 PM	EZ - Final Jeopardy	Education Zone
3:30 PM	4:00 PM	EZ - Spotlight On Customer Application: TBD	Education Zone
4:00 PM	4:30 PM	EZ - CMS Certification Update Gary Confalone ECM	Education Zone
4:30 PM	5:15 PM	EZ - Ask The Experts Laser Trackers & PCMM	Education Zone
5:15 PM	6:00 PM	EZ - Final Jeopardy	Education Zone
6:30 PM	9:30 PM	CMSC Conference Wrap Up co-sponsored by: Quality Magazine	Networking Hub

General Sessions

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Invitation Only

Time		Activity	Location
Start	End		
6:30 AM	8:30 AM	BREAKFAST	Peninsula Ballroom
8:00 AM	3:00 PM	Registration Open	Peninsula Reg Desk
8:00 AM	8:30 AM	Conference Updates: Matthew Ilardo	Canaveral 1-3
8:00 AM	1:00 PM	NAVY Meeting Room (Invitation Only)	Labrid B
8:30 AM	12:30 PM	CMS Certification Examinations Level-One Certification Exam*: PCMM, CMMMIT Exam* Applicants must complete the CMS/ASPRS application process and receive approval prior to taking the exam	Biscayne 3
8:30 AM	9:00 AM	Presentation: How to Design a Metrology System for Measuring Industrial Robots Speaker: Oliver Martin	Canaveral 1-3
9:00 AM	9:30 AM	Presentation: Photogrammetric Robot Control for Automated Composite Trimming Speaker: T. Legleu, B. Sargeant, M. Mainwaring, A. Metherell, A. Ola, et al.	Canaveral 1-3
9:30 AM	10:00 AM	Presentation: Low-cost Photogrammetric 6DOF at 100 Hz Tracking 10Ms-1 Motion Across Multiple Objects Speaker: Stuart Robson, B. Sargeant, R. Smith, S. Kyle, M. Shortis	Canaveral 1-3
10:00 AM	10:30 AM	Presentation: Structured approach to skills development for Science and Engineering Speaker: Keith Bevan	Canaveral 1-3
10:30 AM	11:00 AM	Presentation: Status Report Advanced Photon Source Upgrade Project Speaker: William Jansma, Samuel Jarvis	Canaveral 1-3
11:00 AM	11:30 AM	Presentation: Reverse Engineering has Become an Integral Part of Modern Product Design Speaker: Gregory George	Canaveral 1-3

General Sessions

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Time		Activity	Location
Start	End		
11:30 AM	12:00 PM	Presentation: Improving EV Battery Cell & Module Production Using Industry 4.0 Networked CMMs Speaker: David Wick	Canaveral 1-3
12:00 PM	1:30 PM	LUNCH	Peninsula Ballroom
12:30PM	5:30 PM	Exhibition Hall Open	Peninsula Ballroom
1:30PM	2:00 PM	EZ - Workshop - B89.4.19 Laster Tracker Field Checks Mark Mueret	Education Zone
2:00 PM	2:30 PM	EZ - Spotlight On New Technology	Education Zone
1:00 PM	5:00 PM	CMS Certification Examinations Level-One Certification Exam*: PCMM, CMMMIT Exam*Applicants must complete the CMS/ASPRS application process and receive approval prior to taking the exam	Biscayne 3
2:30 PM	3:15 PM	EZ - Ask The Experts GD&T & CMM	Education Zone
3:15 PM	4:00 PM	EZ - Workshop/Presentation: Laser Tracker Best Practices Ben Hughes, NPL	Education Zone
4:00 PM	5:30 PM	CMS All-Member & Exhibitor Happy Hour and Feedback Session	Measurement / Education Zone
5:30 PM	9:00PM	Exhibition Hall Teardown	Peninsula Ballroom

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