

CETATM 2022

Controlled Environment Testing Association

MARRIOTT RESORT &
SPA GRANDE DUNES
MYRTLE BEACH, SC
APRIL 8-11, 2022

Annual
Conference

2022 CETA Annual Meeting Agenda

Thursday – April 7, 2022						
Time		Program			Location	
1:00 PM – 5:00 PM		CETA Board of Directors Meeting			Heron	
Friday – April 8, 2022						
7:00 AM – 6:00 PM		Registration			Alcove	
8:00 AM – 12:00 PM		CNBT Written Practical Exam			Tides 1 and 2	
1:10 PM – 1:25 PM		CETA Series: Welcome and Group Introduction: Decontamination Hands on Procedures (Low Exner)			Atlantic 4	
1:30 PM – 2: 20 PM 2:25 PM – 3:15 PM		Atlantic 1 DRS Laboratories Mini-CD System	Atlantic 2 Curis System BSC & Room Setups	Atlantic 3 ClorDiSys	Atlantic 4 Paraformaldehyde Decontamination	
3:15 PM – 3:35 PM		Break			Atlantic Ballroom Foyer	
3:35 PM – 4:25 PM 4:30 PM – 5:20 PM		Atlantic 1 DRS Laboratories Mini-CD System	Atlantic 2 Curis System BSC & Room Setups	Atlantic 3 ClorDiSys	Atlantic 4 Paraformaldehyde Decontamination	
Saturday – April 9, 2022						
7:00 AM – 6:00 PM		Registration			Alcove	
8:00 AM – 12:00 PM		CNBT Multiple Choice Exam			Tides 1 & 2	
8:00 AM – 10:00 AM 10:00 AM – 12:00 PM		Platinum Sponsor Update (NuAire) Platinum Sponsor Update (ESCO)			Atlantic 4	
12:00 PM – 1:00 PM		Lunch – Attendees on Own				
1:00 PM – 7:00 PM		Exhibitor Setup			Atlantic 5,6,7,8	
1:00 PM – 1:10 PM		CETA Series: Welcome and Group Introduction: Back to the Basics with Certification (Jeff Serle)			Atlantic 4	
1:15 PM – 1:45 PM 1:50 PM – 2:20 PM 2:25 PM – 2:55 PM	Atlantic 1 HEPA Filters	Atlantic 2 Photometers	Atlantic 3 Particle Counters	Atlantic 4 AVS	Tides 1 Hot Wire Anemometer	Tides 2 Equipment Cleaning
2:55 PM – 3:25 PM		Break			Atlantic Ballroom Foyer	
3:25 PM – 3:55 PM 4:00 PM – 4:30 PM 4:35 PM – 5:05 PM	Atlantic 1 HEPA Filters	Atlantic 2 Photometers	Atlantic 3 Particle Counters	Atlantic 4 AVS	Tides 1 Hot Wire Anemometer	Tides 2 Equipment Cleaning
7:00 PM – 9:00 PM		Opening Reception with Exhibits			Atlantic 5,6,7,8 & Courtyard	

2022 CETA Annual Meeting Agenda

Sunday – April 10, 2022		
Time	Program	Location
7:00 AM – 2:00 PM	Registration	Alcove
7:00 AM – 8:00 AM	Breakfast / Exhibits	Atlantic 5, 6, 7 and 8
7:00 AM – 6:00 PM	Registration	Alcove
8:00 AM – 12:30 PM	CETA Annual Meeting General Session I	Atlantic 1, 2, 3 and 4
8:00 AM – 8:05 AM	Meeting Welcome (<i>Charlie Pellegrini</i>)	
8:05 AM – 8:20 AM	President's Address (<i>Kim Coughlin</i>)	
8:20 AM – 9:05 AM	Hazardous Drug: Are You at Risk? (<i>Patricia Kienle</i>)	
9:05 AM – 10:00 AM	USP 825: It's Hot Stuff (<i>Michele Egberts</i>)	
10:00 AM – 10:30 AM	Break	Atlantic 5, 6, 7 and 8
10:30 AM – 12:30 PM	CETA Annual Meeting General Session II	Atlantic 1, 2, 3 and 4
10:30 AM – 11:00 AM	Don't Take it With You! (<i>Barbara Jara</i>)	
11:00 AM – 11:55 AM	Operating Room Improvements Based on Risk Prediction Can Help Reduce SSIs: Three Case Studies (<i>Damon Greeley</i>)	
11:55 AM – 12:25 PM	Award Presentation (<i>Wayne Copeland</i>)	
12:25 PM – 12:30 PM	CETA Spec Guide Update (<i>Herschell Hitchcock</i>)	
12:30 PM – 1:30 PM	Grab-n-Go Lunch	Atlantic 5, 6, 7, 8
1:00 PM – 7:00PM	Wally Whitt Memorial Golf Tournament Bus departs at 12:45 PM / 1:30 PM start	World Tour Golf Links
	Party Boat Fishing Bus departs at 12:45 PM	Calabash Fishing Fleet
	Barefoot Landing Bus Bus departs at 1:00pm and 1:30pm Return at 4:00PM	Barefoot Landing
Monday – April 11, 2022		
7:00 AM – 2:00 PM	Registration	Alcove
7:00 AM – 8:00 AM	Breakfast / Exhibits	Atlantic 5,6,7,8

2022 CETA Annual Meeting Agenda

Monday – April 11, 2022		
Time	Program	Location
8:00 AM – 2:45 PM	CETA Annual Meeting General Session III	Atlantic 1, 2, 3 and 4
8:00 AM – 8:05 AM	Meeting Updates (<i>Charlie Pellegrini</i>)	
8:05 AM – 9:00 AM	2021 USP <797> Proposed Revision: What You Need to Know (<i>Abby Roth</i>)	
9:00 AM – 9:30 AM	USP Sample Storage Best Practices (<i>Becky Moran</i>)	
9:30 AM – 10:10 AM	Challenging the Challenge: An Investigation into the Introduction Methods of Aerosolized Oil for HEPA Filter Integrity Testing (<i>Kyle Mulder</i>)	
10:00 AM – 10:40 AM	Break	Atlantic 5, 6, 7 and 8
10:45 AM – 11:30 AM	FDA Hospital Compounding Standard and NIOSH Hazardous Drug Exposure Assessment Guidance (<i>Mark St Marie</i>)	Atlantic 5, 6, 7, 8
11:30 AM – 12:10 PM	Disinfectants in Cleanrooms: Patterns of Use and Impacts on Material Compatibility (<i>Mark Wiencek and Rachel Davidson</i>)	
12:15 PM – 1:15 PM	Lunch	Oleander Ballroom
1:15 PM – 1:35 PM	General Business / Financials / Election (<i>Jeff Serle/Kim Coughlin</i>)	
1:35 PM – 1:45 PM	CNBT Updates (<i>Chris Rowe</i>)	
1:45 PM – 2:00 PM	CAG Updates and Awards (<i>Tony Caughron</i>)	
2:00 PM – 2:15 PM	CAG 008 Update (<i>Dan Velasquez</i>)	
2:15 PM – 2:45 PM	CAG 003 (<i>Bill Peters</i>) / CAG 014 Update (<i>Bill Peters / David Phillips</i>)	
3:00 PM – 5:00 PM	Exhibitor Breakdown	Atlantic 5,6,7,8
3:00 PM – 4:30 PM	Manufacturer Updates	Tides 1 & Tides 2
3:00 PM – 5:00 PM	CAG Action Committee Meetings CAG 005 CAG 006 CAG 012	Oleander A Osprey Heron Oleander B
5:00 PM – 6:00 PM	NSF Steering Committee Meeting	Oleander A
7:00 PM – 10:00 PM	Annual Banquet	House of Blues Bus leaves at 6:30 PM
Tuesday – April 12, 2022		
9:00 AM – 10:30 PM	CETA Follow-up Board Meeting	Heron

Officers

PRESIDENT

Kimberly Coughlin (2025)

kim.coughlin@kastangoconsultinggroup.com

PRESIDENT ELECT

Charlie Pellegrini (2025)

cpellegrini@pen-tec.com

SECRETARY/TREASURER

Jeff Serle (2022)

jserle@germfree.com

PAST PRESIDENT

Shawn Windley (2023)

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Directors

Cary Binder (2023)

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Lewis Exner (2024)

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David R. Phillips (2024)

david@con-test.com

Jeremy Mahurin (2024)

Jeremy@ASAP-testing.com

Meeting Notes:

What do the stickers on my name badge mean?

GC means you're registered for the General Meeting and can attend the Opening Reception on Saturday, all sessions and meals beginning Sunday morning and the Annual Banquet on Monday.

FCS means you have registered to attend the Friday CETA Series from 1:00 PM to 5:40 PM.

SCS means that you have registered to attend the Saturday CETA Series from 1:00 PM to 5:05 PM.

AB means that you're either an exhibitor that purchased a banquet ticket for Monday evening or a guest with tickets to the Saturday Opening reception and Monday banquet.

Exhibitors/Sponsors without "GC" or "AB" can attend all meals including the Saturday Opening Reception but not the Monday evening banquet or the sessions..

Registered Guests are welcome to attend the Saturday Opening Reception and Monday Night Banquet, but not the sessions or other meals.

**** Attendees should not record the sessions or take flash photography ****

MANUFACTURER UPDATES Monday, April 11, 3:00-4:30 PM

TIME	TIDES 1	TIDES 2
3:00 PM – 3:30 PM	LabConco	DegreeC
3:30 PM – 4:00 PM	LabConco	DegreeC
4:00 PM – 4:30 PM	AirCare Automation	Baker

EXECUTIVE OFFICE

Controlled Environment Testing Association (CETA)

230 Washington Ave Ext
Suite 101, Albany, NY 12203

Phone: (518) 463-8644

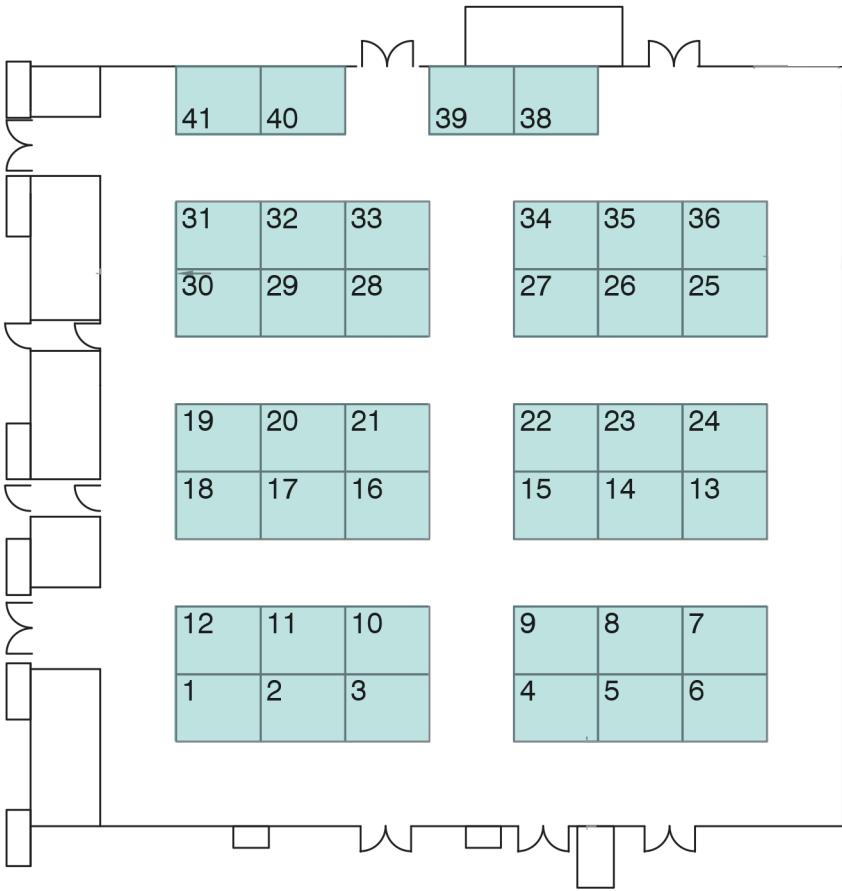
Web: www.cetainternational.org

Email: info@cetainternational.org



VISIT OUR EXHIBITORS AT THE ANNUAL MEETING!

MARRIOTT RESORT & SPA GRANDE DUNES
MYRTLE BEACH, SC
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BOOTH NUMBER	EXHIBITOR
1.....	DRS Laboratories
2.....	Baker
3.....	Azzur Labs
4.....	Flow Sciences
5.....	Labconco Corporation
6.....	LaVision Inc.
7.....	GermFree
8.....	Aerobiology Laboratories
9.....	ClorDiSys Solutions
10.....	TEC Services, Inc
11.....	Hardy Diagnostics
12.....	Bioscience International, Inc.
13.....	Setra Systems
14.....	Degree Control, Inc
15.....	CEPA Operations, Inc
16.....	Filtration Group - Indoor Air Quality
17.....	TSI Inc.
18.....	Controlled Environment Consulting (CEC)
19.....	Performance Assurance Systems
20.....	ESCO Technologies
21.....	CURIS System
22.....	Focus Laboratories
23.....	Flow Air Filters
24.....	John M Eagleson Jr Institute
25.....	U.S. Micro Solutions
26.....	AirCare Automation Inc.
28.....	Eurofins EMLab
29.....	Analytics Corporation
30.....	Pamlico Air
31.....	Thermo Fisher
32.....	Microrite, Inc.
33.....	Evergreen Telemetry
34.....	TrionIAQ
35...	Chattanooga Environmental Laboratory, LLC
36.....	NSF International
38.....	NuAire
39.....	Cleanroom Parts Guys
40.....	Air Techniques International
41.....	CAMFIL USA, Inc

Thank you to our Sponsors!

PLATINUM



GOLD



SILVER



GOLF



Visit Our Exhibitors at the Annual Meeting!

AEROBIOLOGY LABORATORY

Environmental Microbiology Laboratory



Booth 8

AIR TECHNIQUES INTERNATIONAL (ATI)

ATI is a leading designer and manufacturer of specialized test equipment for the clean air and containment industry. ATI offers a comprehensive portfolio of products ranging from small, portable aerosol generators and photometers for on-site certifications to large systems used by major producers and test laboratories. Stop by our booth to see the latest technologies available to the industry.



Booth 40

AIRCARE AUTOMATION INC.

Cleanroom Controls & Monitoring Solutions



Booth 26

ANALYTICS CORPORATION

USP 800 Hazardous Drug Swab Testing



Booth 29

AZZUR LABS

Azzur Labs, an Azzur Group company, is a contract laboratory serving the pharmaceutical, medical device, and biotechnology industries. With locations across the nation, we provide customers with analytical testing, microbiology, and other services to ensure regulatory compliance From Discovery To Delivery!. For more information, visit Azzur.com



Booth 3

BAKER

For almost 70 years, Baker has been at the forefront of engineering, testing and production of reliable laboratory contamination control equipment. We take no chances with safety and make no compromises when it comes to protecting the success of your research. Baker specializes in built-to-order products designed expressly for your unique application need. Our rigorous testing protocols go above and beyond the standards and our quality control measures exceed industry expectations. Baker's commitment to sustainable business practices and the development of a new generation of energy efficient products ensures that you - and your budget - will be pleased.



Booth 2

BIOSCIENCE INTERNATIONAL, INC.

The newest generation of SAS microbial air monitors, for ensuring full compliance with USP 797 guidelines, cGMP and international monitoring requirements will be displayed. Our Pinocchio compressed gas testing system is an all-in-one unit - all you need is the gas and a petri plate to perform sampling.

Booth 12



CAMFIL USA, INC.

Camfil is a leading manufacturer of premium clean air solutions, providing commercial and industrial systems for air filtration that improve worker and equipment productivity, minimize energy use, and benefit human health and the environment. From design to delivery and across the product life cycle, we consider the impact of what we do on people and on the world around us. Headquartered in Stockholm, Sweden, Camfil has 30 manufacturing sites, six R&D centers, local sales offices in 26 countries. Visit us at www.camfil.com.



Booth 41

CEPA OPERATIONS, INC.

CEPA Operations, Inc. is a full-service certification company providing quality testing, certification, and repair services to the Pharmaceutical, Medical Device, Research, Aerospace and Cleanroom Markets for over 49 years. Cepa Operations, Inc. is a stocking distributor of HEPA filters and O.E.M. replacement parts for all the major manufacturers of BSC's and LAFW's. Let CEPA Operations, Inc. help you with your parts and service needs.

Booth 15



CHATTANOOGA ENVIRONMENTAL LABORATORY, LLC

Chattanooga Environmental Laboratory, LLC (CEL) was instituted in 2014 with one mission - to help those in the pharmaceutical compounding industry understand and incorporate recommendations made by USP 797. Founded by a compounding pharmacist, CEL staff combines over 43 years of experience in sterile compounding with state of the art microbiology techniques. At CEL, we believe customers are the center of our universe, and strive to make every interaction, meeting, and conversation an incredible experience.



Booth 35

CLORDISYS SOLUTIONS, INC

ClorDiSys Solutions offers many advantages to certification companies in the field of decontamination. Our gaseous CD is the most effective way to thoroughly decontaminate rooms, passthroughs, racks, cages, isolators, and biological safety cabinets. Chlorine dioxide gas is a simple process that is also much quicker than alternative sterilization methods.



Booth 9

CONTROLLED ENVIRONMENT CONSULTING (CEC)

Controlled environment consulting: training, eLearning, design-build, validation.



Booth 18

Visit Our Exhibitors at the Annual Meeting!

CURIS SYSTEM

CURIS System is a global disinfection and bio decontamination solutions provider offering a versatile suite of products made in the USA. CURIS' EPA-registered and patented hybrid hydrogen peroxide technology has revolutionized automated, high-level disinfection across multiple markets from portable, hand-carry, to customized, integrated disinfection technology. The CURIS app can be used for remote activation and data storage for optimal tracking, management, and reporting. Dedicated to helping facilities succeed in the battle against pathogens, CURIS is proud to provide fact-based, science-driven results with sustainable and eco-friendly technology.

Booth 21



DEGREE CONTROL, INC.

Leading airflow sensing, visualization and safety manufacturer for the clean environment industry.

Booth 14

DRS LABORATORIES, INC.

DRS Laboratories Inc. is a supplier of Chlorine Dioxide Decontamination Equipment. Having explored alternative technologies to improve quality, timeliness, and cost of performing BSC decontaminations, DRS Labs has produced the first affordable and portable device; including tools, procedures, and training. We also offer decontamination services in conjunction w/current certification contractors or independently.

Booth 1



ESCO TECHNOLOGIES, INC.

Esco is the world leader in NSF certified advanced biosafety cabinets, featuring energy efficient DC-ECM blower, ULPA filter with 10x better filtration than HEPA at same life, large performance envelope, anti-microbial coating to protect certifiers, durable steel plenum, comfortable low noise, riboflavin-verified cleanability, comfortable arm rest, and user-friendly control system.

Booth 20



EUROFINS EMLAB P&K

Eurofins EMLab P&K is the leading provider of USP 797 testing for environmental monitoring of sterile compounding areas. Top-tier USP 797 compliance companies trust Eurofins EMLab P&K for technical expertise and lab testing capabilities necessary to meet the challenge of implementing a rigorous USP 797 program.

Booth 28



EMLab P&K

EVERGREEN TELEMETRY

Evergreen Telemetry's patented Wrist Reporter™ displays real-time results from as many as ten wireless sensors, simultaneously, for Air and Water Pressure, Velocity, Flow, Temperature and Humidity. Applications include airflow, room pressure, hydronic testing and datalogging. This high-productivity instrument makes TAB and Cx Faster, Easier, and Safer.

Booth 33



FILTRATION GROUP - INDOOR AIR QUALITY

Filtration Group is a dedicated partner to leading Biosafety Cabinet manufacturers providing excellence in product quality, innovative solutions, and customer service. Utilizing proprietary technology, Filtration Group custom engineers filter designs to meet the industry's most challenging applications and most stringent performance requirements. Committed to making the world Safer, Healthier and More Productive, FG-IAQ is the premier filtration choice for the Biosafety Cabinet market.

Booth 16



FLOW AIR FILTERS/ADS LAMINAIRE

Manufacturer of HEPA filters and laminar flow hoods.

Booth 23



FLOW SCIENCES, INC.

World Leaders in Containment Solutions - For over 30 years our mantra has remained steadfast, Our Highest Quality Ensures Your Excellent Results - Flow Sciences' team of containment experts bring decades of custom design expertise, with consistent compliments of creativity and adaptability, to global technological developments and processes.

Booth 4



FOCUS LABORATORIES

Contract Testing Laboratory

Booth 22



GERMFREE LABORATORIES

Germfree creates environments that serve life science innovation and advance global health. Germfree designs and manufactures flexible cGMP-compliant cleanroom buildings and high-containment facilities which are process or containment-ready upon deployment. Our facilities are designed to integrate with Germfree's core equipment including our lines of laminar flow hoods and containment equipment.

Booth 7



HARDY DIAGNOSTICS

Hardy Diagnostics is an ISO 13485 certified, FDA licensed medical device manufacturer. This 100% employee owned company produces and distributes a full line of products to support Pharmaceutical quality compliance testing. The product offering includes the Trio.Bas microbial air samplers, aseptic technique verification kits for USP <797>, culture media for environmental monitoring, sterility testing, and quality control organisms. Hardy Diagnostics also specializes in custom culture media requests, working alongside our pharmaceutical partners to ensure each product fits their specific testing needs.

Booth 11



JOHN M EAGLESON JR INSTITUTE

The Eagleson Institute is a non-profit foundation with a mission to globally promote the principles and practices of health and safety in the life sciences community. Our highly interactive classes cover a wide range of biosafety topics including BSC certification, BSL3 laboratory performance verification and certification of sterile compounding facilities.

Booth 24

Visit Our Exhibitors at the Annual Meeting!

LABCONCO CORPORATION

Labconco Corporation designs and builds high-quality laboratory equipment. Every biosafety cabinet, fume hood, glassware washer, lyophilizer, sample prep tool, water purifier, glove box, enclosure, cart, and cabinet we make has been engineered for excellence since 1925.

Booth 5

LABCONCO

LAVISION INC.

LaVision provides integrated imaging systems to scientific, industrial and educational markets. LaVision has extensive experience in optical techniques including 2-D, stereo and tomographic PIV, LIF and DIC.

Booth 6



MICRORITE, INC.

Microrite's Tracer Particle Generator system provides a cloud of Tracer Particles that are sub-micron (<1.0 micrometer) in size and are Neutrally Buoyant. These long lasting, Neutrally Buoyant Tracer Particles are ideal for getting a visual representation of air flow patterns in cleanrooms, barrier systems and the interfaces between areas of different classifications (e.g., Grade A/ISO Class 5 and Grade B/ISO Class 7 areas).

Booth 32

microrite

NUAIRE INC.

Over 50 years of providing quality and dependable laboratory equipment to the Life Science industry.

Booth 38



NSF INTERNATIONAL

Public Health & Safety

Booth 36



PAMLICO AIR

At Pamlico Air, we provide clean air & better health through quality air filtration products & services. With centuries of combined industry experience, we utilize our team's knowledge & expertise to provide top-notch customer service, manufacturing practices & sales transactions. Our customer-first & family-oriented principles make us professional yet personal in our business strategy. Pamlico Air works diligently to improve the air filtration industry & create products that better the air quality around us all.

Booth 30

PAMLICOAIR

PERFORMANCE ASSURANCE SYSTEMS

We are a cleanroom designer, builder, and up fitter. We also market products for cleanrooms.

Booth 19



SETRA SYSTEMS

Setra Systems, Inc. was founded in 1967 by brothers Dr.Y.T. Li and Dr. S.Y. Lee, both professors of engineering at the Massachusetts Institute of Technology and co-developers of the variable capacitance transduction principle. Building on this heritage of innovation, we continue to design and deliver sensing devices for many diverse applications and industries – innovating solutions for HVAC & building automation, industrial OEM, test & measurement, and critical environments. **Booth 13**

TEC SERVICES, INC.

TEC Services was founded in 1994 and has since built a strong reputation in the controlled environment products, calibration, and service industry. TEC specializes in the production of aerosol photometers, aerosol generators, calibrations, as well as repair and service all within the field of HEPA filter testing and certification.

Booth 10

THE CLEANROOM PARTS GUYS

Hepa Filter Test Port Manufacturing

Booth 39



The Cleanroom Parts Guys

THERMO FISHER SCIENTIFIC

Thermo Fisher Scientific is the world leader in serving science. For more than five decades, we have been a pioneer and innovator of clean air technologies. Our Thermo Scientific™ biosafety cabinets are designed to maximize sample protection and user safety, with an emphasis on containment, comfort and convenience, all day, every day.

Booth 31

ThermoFisher
SCIENTIFIC

TRIONIAQ

Clean air specialists since 1947, TRION combines innovative technology with decades of experience to develop the right indoor air quality solution for you.

Booth 34



TSI INC.

TSI Incorporated is a leading supplier of instrumentation and software for certifiers. TSI's AeroTrak™ Particle Counters, VelociCalc™ Thermal Anemometers, DP-Calc™ Micromanometers, AirPro® Air Velocity Instruments, and EBT731 Capture Hoods can be used as Direct Inflow Measurement (DIM) devices for biological safety cabinets. TSI also supplies hospital isolation room monitors and laboratory controls. www.tsi.com

Booth 17

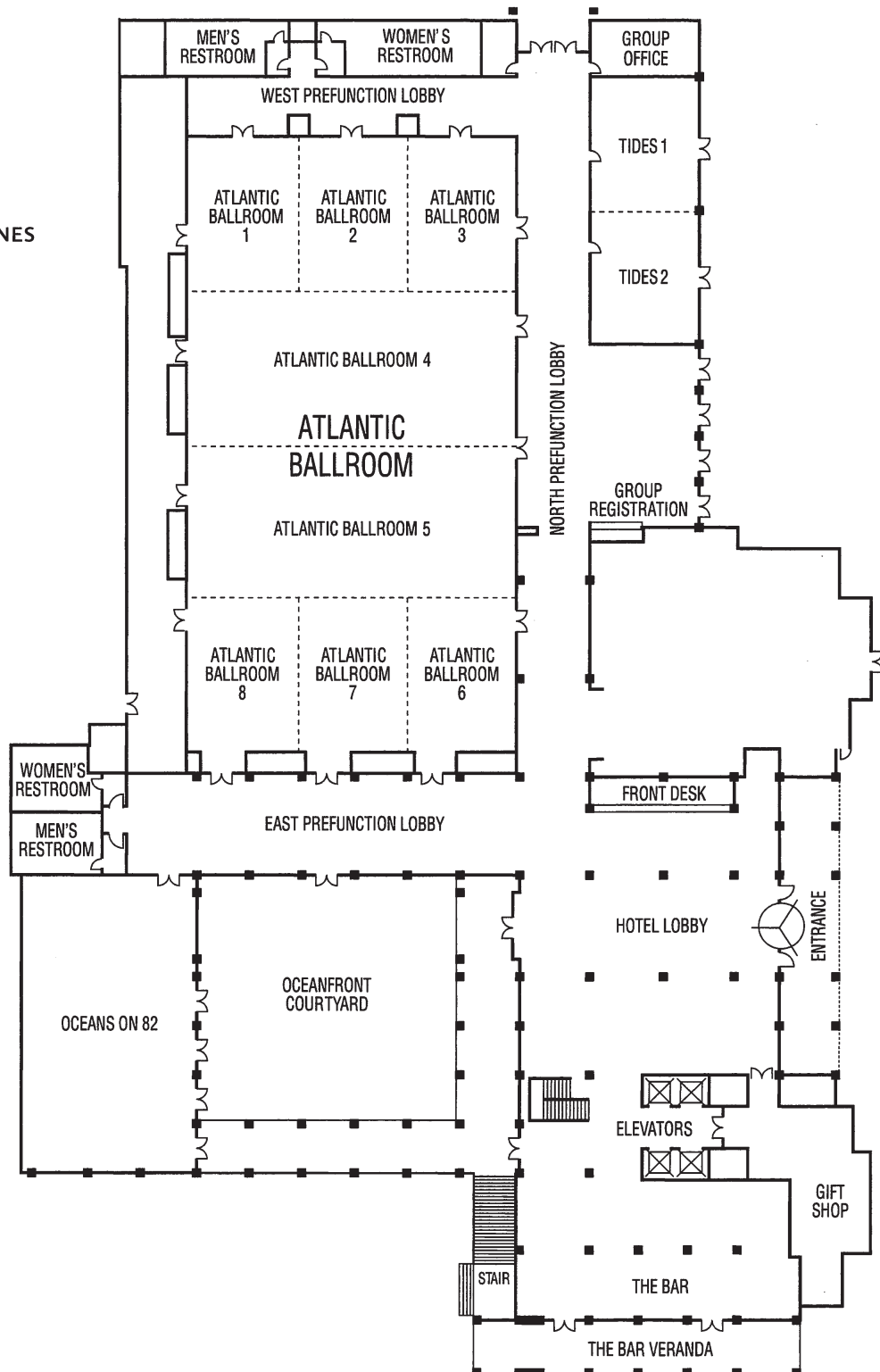


U.S. MICRO-SOLUTIONS, INC.

We are an ISO17025 accredited, CGMP compliant Environmental Microbiology Laboratory specializing in the analysis of bacteria and fungi from pharmaceutical sterile compounding settings (USP797). We provide culture analysis, equipment rental, USP media, and technical guidance. We are committed to providing exceptional quality, outstanding customer service, and competitive prices.

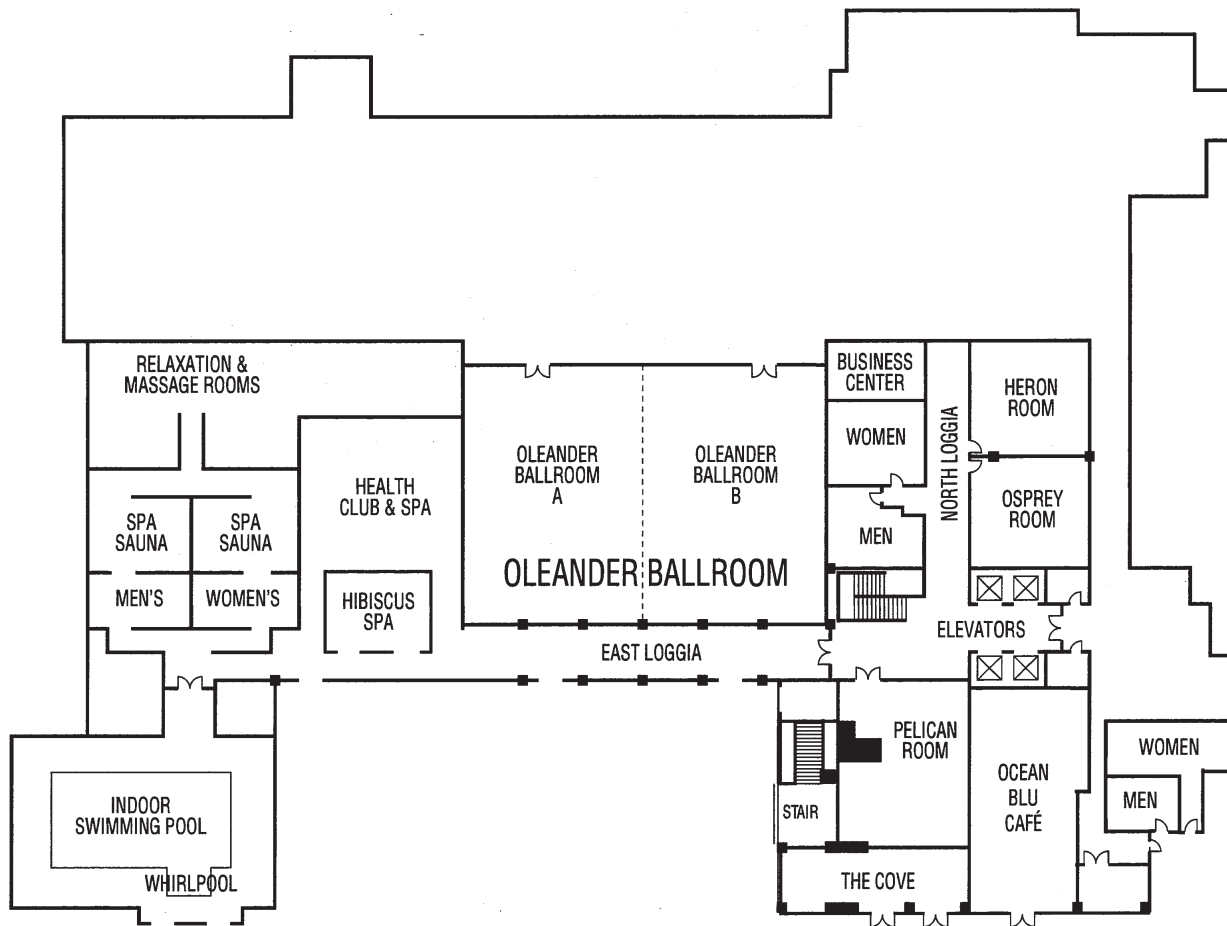
Booth 25







MYRTLE BEACH
RESORT & SPA AT GRANDE DUNES



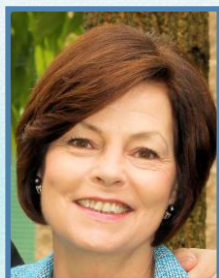
Speaker Bios



ABBY ROTH

Abby Roth, founder of Pure Microbiology, has over 17 years of experience in supporting the testing and consulting needs of the pharmaceutical, medical device, and compounding industries. Her background in pharmaceutical microbiology includes extensive knowledge of environmental monitoring.

Abby served as a USP Compounding EC member during the 2015-2020 cycle. She has been invited to speak for state Boards of Pharmacy and for organizations such as the National Home Infusion Association (NHIA) and the American Society of Health-System Pharmacists (ASHP).



BARBARA J. JARA BS, CNMT, RT(R),(N)

Barbara is currently an account executive for a nuclear pharmacy. She has been involved in technical clinical education in nuclear imaging for over 25 years and has published several education and research articles in the Society of Nuclear Medicine Journal-Technologist Section.



BECKY MORAN

Becky is the Operations Manager for US Micro-Solutions located in Latrobe, PA. She earned her Bachelor of Science degree in Biology at the University of Pittsburgh and holds an ASSE International Legionella Water Safety & Management certification. During her 20 years of employment USMS, Becky has worked as an analyst and Quality Manager.



DAMON GREELEY

For over 30 years, Greeley focus is to improve infection prevention and control in healthcare facilities through research, planning, and implementation of methods that enhance utility systems performance. Greeley serves on an ASHRAE 170 sub-committee charged with operating room environmental performance parameters supported by research and clinical quality

case studies evidence. He is actively engaged with his clients for infrastructure evaluation, planning, and technical program management. He received his CEM (Certified Energy Manager) in 2004, HFDP (Healthcare Facility Design Professional) certification in 2005, CBCP (Certified Building Commissioning Professional) certification in 2006, EDAC (Evidence Based Design) accreditation in 2011, CHFM (Certified Healthcare Facility Manager) certification in 2016, and associate in Infection Prevention and Control a-IPC in 2020.



JENNIFER WAGNER, PH.D.

*Microbiologist, Infection Preventionist
Managing Partner, OnSite - LLC*

Jennifer has dedicated her efforts and expertise to infection prevention program design through evidence-based science, research, education and consulting. She has nearly twenty years of experience in environmental and clinical microbiology.

As managing partner of OnSite-LLC, she is dedicated to improved clinical outcomes through data driven solutions and has worked in numerous hospitals both nationwide and internationally. Collaborative efforts to develop the use of Environmental Quality Indicators (EQI) for healthcare spaces have been validated in 110+ procedures and are published in several peer reviewed journals. With OnSite's multidisciplinary team of clinicians, microbiologist, epidemiologists, healthcare engineers, architects and designers, she has worked to optimize the asepsis of critical spaces in hospitals and has developed the tools, with over one hundred thousand data points, to accurately predict the risk of microbial contamination in critical spaces within the built environment. Her future endeavors continue to explore innovative solutions for successful and prudent improvement of infection prevention, including the Designed for Zero (D4Z) initiative.

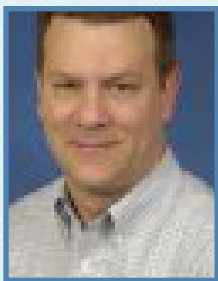


KYLE MULDER

As Associate Training and Technical Manager at Technical Safety Services LLC, Kyle Mulder is part of the team responsible not only for staying up to date with current industry requirements and trends, but also to incorporate changes into internal processes and disseminate information throughout the company

nationwide. Kyle stays as active in the certification community as possible serving on NSF/ANSI 49 Joint committee, CAG 009 and CAG 003 review committees, CAG 011 creation committee, secretary for IEST-RP-CC050 Design and Construction considerations for USP <800> compliant suites, and teaching courses through IEST on compounding compliance aspects in addition to publishing several articles with the International Journal of Pharmaceutical Compounding. With 17+ years of varied contamination control experience, NSF accreditation, CETA SCF accreditation, NEBB CPT CP accreditation supplemented with numerous training courses Kyle has the tools to continually push the boundaries of quality, technique, and compliance within our industry.

Speaker Bios



MARK ST. MARIE

Mark has 30 years of Department of Defense and Federal Government Industrial Hygiene and Occupational Safety and Health experience. Currently, he serves as the National Industrial Hygiene Program Manager for the Veterans Health Administration, Office of Occupational Safety and Health, where he is responsible for the development, implementation, and

field consultation of the industrial hygiene program policy and practices to over 200 VA Medical Centers. Mark is a retired U.S. Air Force Bio-environmental Engineering Professional. Mark holds an American Board of Industrial Hygienists, Certified Industrial Hygienist (CIH) certification, and is a CETA CNBT Registered Certified Professional for Sterile Compounding Facilities.



MICHELE A PANICHI-EGBERTS, FSNMMI-TS

Michele is currently the corporate radiation safety officer for 3 nuclear pharmacies. She serves as a member of the New Jersey Radiation Advisory Committee and is a Fellow of the Society of Nuclear Medicine and Molecular Imaging Technologist Section. Michele serves on several local and national SNMMI committees. She is a

member of the SNMMI-TS National Council of Representatives and is a Past President of the Greater NY Chapter SNMMI.



PATRICIA CLANCY KIEBLE RPH, MPA, BCSCP, FASHP

Patricia Kienle is the Director of Accreditation and Medication Safety for Cardinal Health.

She received her pharmacy degree from the Philadelphia College of Pharmacy and Science and a Masters in Public Administration from Marywood University in Scranton, Pennsylvania.

She is Board Certified as a Sterile Compounding Pharmacist, completed an Executive Fellowship in Patient Safety from Virginia Commonwealth University in Richmond, Virginia, and is an Adjunct Clinical Faculty member at Wilkes University in Wilkes-Barre, Pennsylvania.

She served on the Board of Directors of the American Society of Health-System Pharmacists and as President of the Pennsylvania Society of Hospital Pharmacists. She is a Fellow of ASHP, was named Pharmacist of the Year by PSHP, the recipient of the Distinguished Achievement Award in Hospital and Institutional Practice from the American Pharmaceutical Association Academy of Pharmacy Practice and Management, the Distinguished Leadership Award from ASHP, the ASHP John W. Webb Lecture Award, the Thomas S. Foster Award from the United States Pharmacopeia, the Lifetime Achievement Award

from the Institute for Safe Medication Practices, and is the 2022 recipient of ASHP's Harvey A.K. Whitney Lecture Award.. She has served on the Pharmacotherapy Specialty Council of the Board of Pharmacy Specialties, the Pennsylvania Patient Safety Authority, the Hospital Professional and Technical Advisory Committee of The Joint Commission, and on the Board of Governors of the National Patient Safety Foundation. She is a current member of the USP Compounding Expert Committee.

With over 600 invited presentations and 80 publications, she has special interests in promoting medication safety, compounding sterile preparations, accreditation, and regulatory issues.



MARK WIENCEK, PHD

Mark Wiencek, PhD is the Lead Microbiologist with Contec Healthcare and a member of the Technical Services Group. With 25+ years of industrial experience in microbiology and microbial ecology, Mark focuses on development of cleaning tools and chemistries for control of microbial and hazardous drug

contamination in cleanrooms, pharmacies, and healthcare facilities.



RACHEL DAVIDSON

Rachel Davidson is the Assistant Product Manager to Healthcare at Contec Inc. She has been with Contec for eighteen months, focusing primarily on understanding disinfectant chemistries' effects on stainless steel surfaces. Rachel spent fourteen years in chemical manufacturing in roles spanning from Quality and Lab, Production, and Supply Chain Managers.

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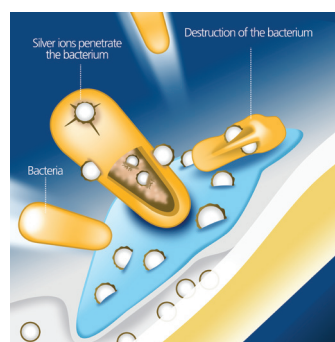
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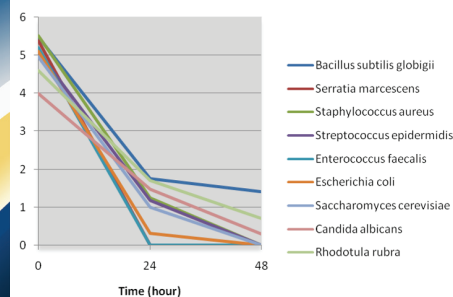
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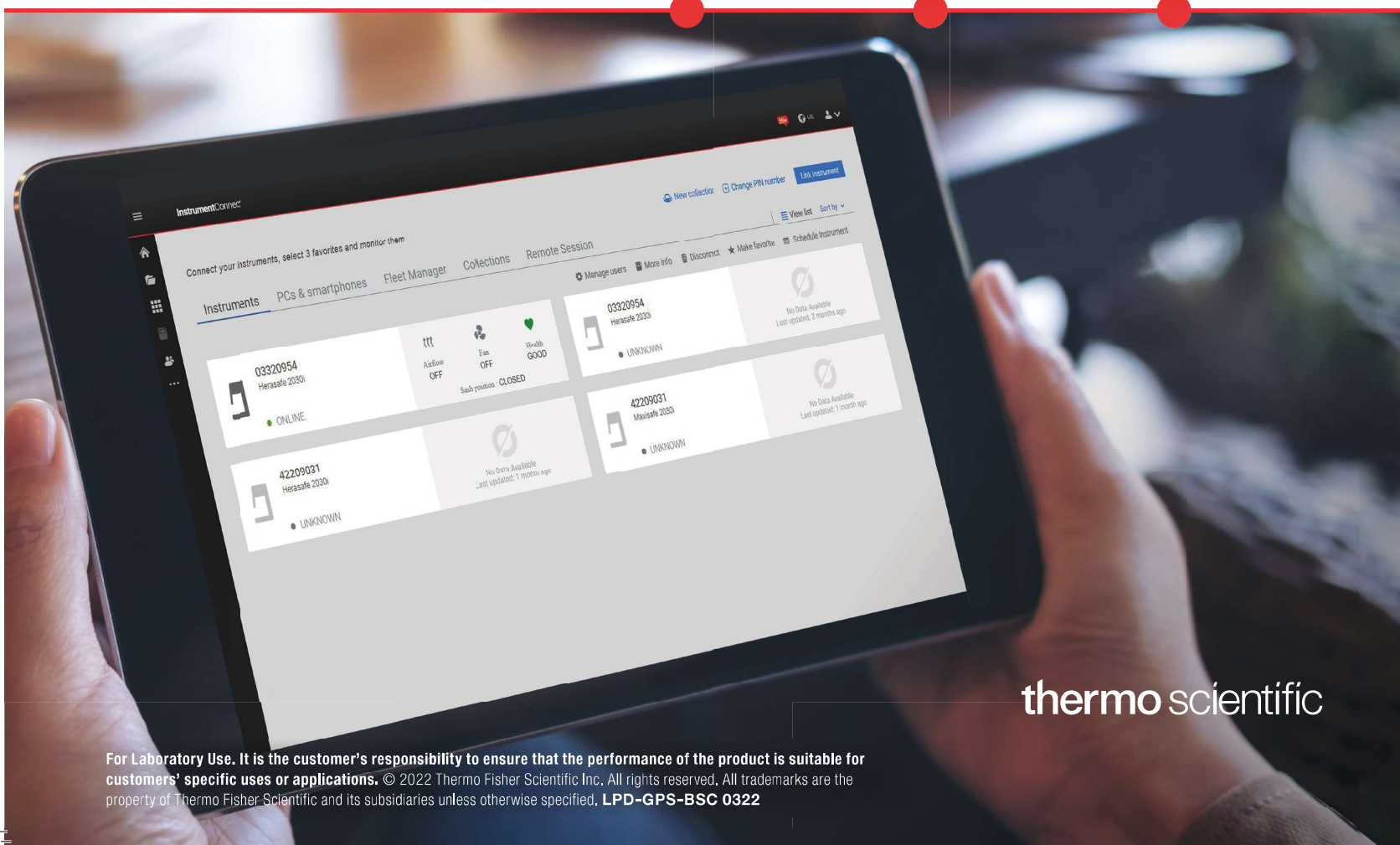
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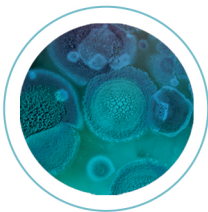
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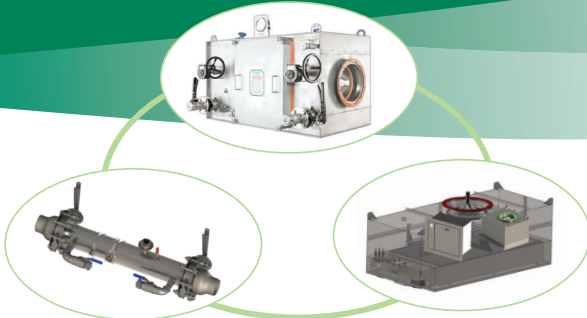
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A scenic view of the Marriott Resort & Spa Grande Dunes in Myrtle Beach, SC. The image shows a large swimming pool with lounge chairs, palm trees, and the ocean in the background. The text "MARRIOTT RESORT & SPA GRANDE DUNES MYRTLE BEACH, SC" is overlaid in white, and "APRIL 8-11, 2022" is overlaid in blue.

MARRIOTT RESORT & SPA GRANDE DUNES
MYRTLE BEACH, SC
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This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

A scenic view of the Marriott Resort & Spa Grande Dunes in Myrtle Beach, SC. The image shows a large swimming pool with lounge chairs, palm trees, and the ocean in the background. The text "MARRIOTT RESORT & SPA GRANDE DUNES MYRTLE BEACH, SC" is overlaid in white, and "APRIL 8-11, 2022" is overlaid in blue.

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