STERIS

Guide to STERIS Presentations at ACHEMA

Join STERIS at Hall 3.0 Stand D72 to see the latest innovations and technologies to help you increase efficiency and maintain compliance. Don't miss the chance to hear from global members of our technical services team as they present scientific and regulatory developments in pharmaceutical manufacturing and contamination control throughout the week.

In-Booth Technical Presentations

	Monday 10 June 2024	Tuesday 11 June 2024	Wednesday 12 June 2024	Thursday 13 June 2024
10:30	Advances in Energy-Saving Technologies for Life Sciences Equipment	Small Footprint. Big Impact. Biodecontaminating Small Spaces with the new VHP Flex	Selecting a Gaseous Biodecontamination Method: Key Considerations for VHP Technology	Simplify Your Process: A Streamlined Approach to Your CGT Cleaning and Disinfection Program
13:30	Selecting a Gaseous Biodecontamination Method: Key Considerations for VHP Technology	Sterilizing Heat and Radiation Sensitive Devices: A Case Study in VHP Technology	Small Footprint. Big Impact. Biodecontaminating Small Spaces with the new VHP Flex	Ensure an Effective and Compliant Material Transfer Process
14:30	Augmented Reality Pharma 4.0: A Look Into the Future	Advances in Energy-Saving Technologies for Life Sciences Equipment	Simplify Your Process: A Streamlined Approach to Your CGT Cleaning and Disinfection Program *Presented in German*	
15:30	Improve Safety and Meet Regulatory Requirements: A Case Study in Vaccine Manufacturing and Research	Improve Efficiency and Optimize Performance with Custom Wash Racks	Ensure an Effective and Compliant Material Transfer Process	

Congress Programme Presentations

	Monday 10 June 2024	Tuesday 11 June 2024	Wednesday 12 June 2024
08:30		Leveraging Augmented Reality in Automated Parts Washers Frequenz 1 - Portalhaus	The Future is Now: Recent Advances in Sterile Product Manufacturing Facette – 3 via
10:00		Innovation Partner Contribution / Implementation of Integrated Vaporized Hydrogen Peroxide (VHP) Systems in cGMP Pharmaceutical Manufacturing Facilities Zeta Pharma Innovation Stage – 4.1	
10:30	Cleaning Considerations for Novel Drug Delivery Systems Facette – 3 via		
11:30			Pre-Filled Syringe Considerations for VH202 Sterilization Facette – 3 via

Simplify Your Process: A Streamlined Approach to Your CGT Cleaning and Disinfection Program

Presented by: Cecilia Pierobon

Cell and Gene Therapy is a rapidly growing industry with unique challenges. An insufficient understanding of microbial challenges and material compatibility could lead to higher costs and ineffective procedures at your facility. In this session, you'll learn how to streamline your decontamination program, saving time and simplifying processes in your operation.

Selecting a Gaseous Biodecontamination Method: Key Considerations for VHP Technology

Presented by: Matt Hofacre | Bruno Aze

Implementing an effective Contamination Control Strategy is essential for Annex 1 compliance, but selecting the appropriate biodecontamination method can be complex. In this session, you'll learn about the intricacies of implementing an effective and efficient biodecontamination method for your facility. Hear how Vaporized Hydrogen Peroxide (VHP) technology can lead to an automated, repeatable and validated process.

Improve Safety and Meet Regulatory Requirements: A Case Study in Vaccine Manufacturing and Research

Presented by: Juha Mattila

Research and manufacturing facilities must strive to meet regulatory requirements in an effective and optimal manner, or they can face higher costs and process inefficiencies. This presentation will offer smart ways to meet and exceed regulatory requirements and will share a case study in which one vaccine research and manufacturing facility implemented a steam sterilizer that offered energy savings and reliable performance.

Ensure an Effective and Compliant Material Transfer Process

Presented by: Cecilia Pierobon

Validating your material transfer process is necessary to comply with Annex 1. While there are multiple ways to transfer materials while limiting human interaction with parts, some options are more effective than others. In this session you'll learn how to ensure repeatable results and lower the risk of contamination in your cleanroom areas.

Augmented Reality Pharma 4.0: A Look Into the Future

Presented by: Olivier Van Houtte | Mathieu Trépanier

Proper loading technique is critical to ensure accurate, consistent wash cycles. In this session, you'll learn how leveraging Augmented Reality in your facility can help you save costs, reduce errors and shorten training time for new staff.

Sterilizing Heat and Radiation Sensitive Devices: A Case Study in VHP Technology

Presented by: Juha Mattila

Temperature- and radiation-sensitive therapies require special care and are not compatible with every type of sterilization modality. In this session, you'll learn how VHP technology – now recognized by the FDA as an Established Category A sterilization method – offers low-temperature sterilization of devices while improving operational flexibility.

Small Footprint. Big Impact. Biodecontaminating Small Spaces with the new VHP Flex

Presented by: Grace Vila | Tiffany Alponat-Garam

Effective biodecontamination is critical to ensure a safe and compliant process, yet routine, repeatable biodecontamination remains a challenge – even for small spaces. In this session, you'll learn how to achieve consistent, repeatable 6-log reduction throughout your facility with a flexible, mobile VHP unit.

Advances in Energy-Saving Technologies for Life Sciences Equipment

Presented by: Olivier Van Houtte

Facility managers and administrators are looking for ways to reduce energy consumption and minimize operational costs. How can you ensure your equipment is helping you achieve operational efficiency? In this session, you'll hear how innovative technologies are being integrated into process equipment to save space, water and energy.

Improve Efficiency and Optimize Performance with Custom Wash Racks

Presented by: Mathieu Trépanier | David Thibodeau-Fortin

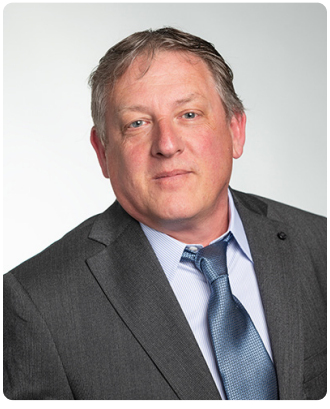
Every operation is unique. To maximize efficiency, you need equipment that supports your specific need, including washing of custom-designed product contact parts and equipment. In this session, you'll see how an innovative 3D scanner technology results in custom racks that provide the optimal cleaning performance and maximum throughput your facility needs.

Tiffany Alponat

Associate Product Manager, VHP Equipment and Consumables

Tiffany manages a variety of products and consumables for Vaporized Hydrogen Peroxide (VHP) Biodecontamination and Sterilization applications at STERIS. She has over 9 years of experience in engineering and product management, with a technical background in medical devices.

She holds a Bachelor of Science degree in Mechanical Engineering from the University of Akron.



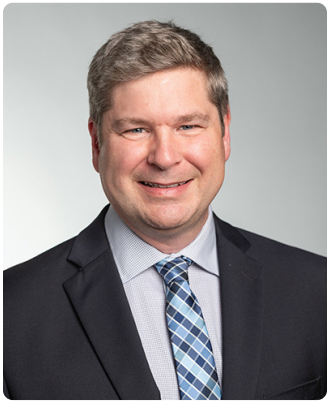
Bruno Aze

Senior Manager
Technical Services

Bruno has over three decades of experience in food and beverage aseptic production, biosafety research and production and Good Manufacturing Practices (GMPs) for the pharmaceutical industry. He holds a bachelor's degree in electronic engineering.

At STERIS Life Sciences, Bruno provides technical and project design support for global Vaporized Hydrogen Peroxide (VHP™) applications. He played a key role in the design of VHP products for the pharmaceutical, biosafety and food and beverage industries. His efforts have resulted in the symbiotic creation of new VHP applications and original equipment manufacturer integrations.

Bruno has authored several articles for industry publications and has presented at many industry meetings and conferences. He is an active member of the International Society for Pharmaceutical Engineering (ISPE), the Association for Clean and Parenteral Products (A3P) and Pharmapack Europe. Bruno holds certifications in process control and instrumentation.



Matt Hofacre

Senior Director
Technical Services

Matt has over two decades of experience in pharmaceutical and biopharmaceutical production, advanced therapy medicinal product production, high containment, food and beverage, medical device and laboratory research industries. He holds a master's degree in finance and marketing and a bachelor's degree in chemical engineering.

For STERIS Life Sciences, Matt supports Customers globally with design applications, project maintenance and technical guidance for integrated Vaporized Hydrogen Peroxide (VHP), steam sterilization, washing, pure steam, water systems and services. He is a student of lean practices to maximize value stream to Customers.

The Parenteral Drug Association (PDA), the International Society for Pharmaceutical Engineering (ISPE) and the American Society of Mechanical Engineers (ASME) have welcomed Matt as a presenter and trainer at several national and international conferences.

Matt co-authored "PDA Technical Report No. 48 Moist Heat Sterilization Systems: Design, Commissioning, Operation, Qualification and Maintenance" and has contributed to numerous other articles on water for injection systems, VHP and pharmaceutical equipment selection.

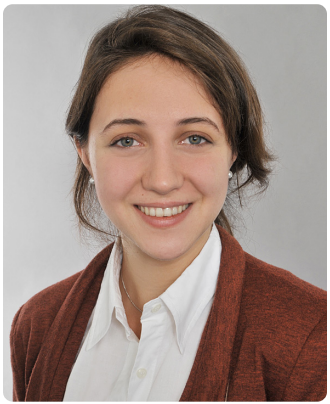
Juha Mattila

Director
Sterilization
Technologies

Juha has over two decades of experience in pharmaceutical, research and biosafety technologies. He manages the STERIS Life Sciences portfolio of products for Vaporized Hydrogen Peroxide (VHP) and steam sterilization, material transfer biodecontamination technologies and water for injection and pure steam generation systems. He holds a master's degree in business informatics and a bachelor's degree in heating, ventilation and air conditioning (HVAC) and process engineering.

In addition to being an active member of the Parenteral Drug Association (PDA), the International Society for Pharmaceutical Engineering (ISPE) and the Finnish Biosafety Network, Juha has authored several technical articles and spoken at many industry events. He also contributes to the International Organization for Standardization (ISO), the European Committee for Standardization (CEN) and the British Standards Institution (BSI) work groups considering these technologies.

Juha provided commentary through the PDA for the European Union (EU) Good Manufacturing Practices (GMP) Annex 1 draft and participated in the PDA EU GMP Annex 1 Workshop.



Cecilia Pierobon

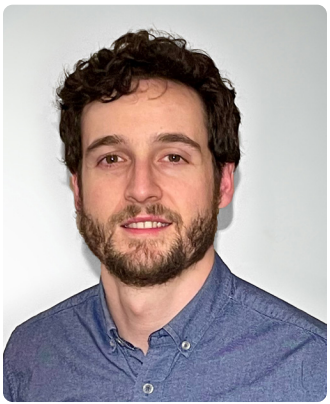
Technical Services Manager

Cecilia has over four years of experience in the qualification of pharmaceutical equipment for production and laboratory environments, Good Manufacturing Practices (GMP) and regulatory compliance. Cecilia holds a master's degree in engineering management.

Prior to joining STERIS Life Sciences, Cecilia worked as a Project Engineer at Ellab and a GMP Compliance Specialist at Catalent.

At STERIS Life Sciences, Cecilia provides global technical support to Customers on cleaning validation, the development of cleaning cycles and cleaning chemistry applications. She also conducts technical presentations at industry events and develops technical literature.

Cecilia is an active member of the International Society for Pharmaceutical Engineering (ISPE) and the Parenteral Drug Association (PDA).

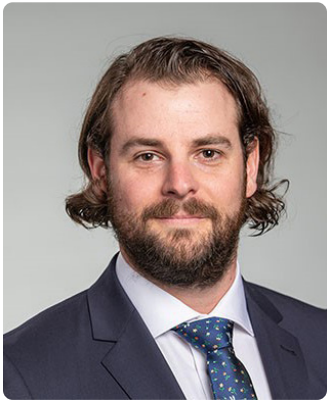


David Thibodeau-Fortin

Senior Mechanical Engineer

David specializes in the development and delivery of custom washing racks for pharmaceutical and research Customers. He also manages the team responsible for new product development, software platform upgrades and improvements to the STERIS washing device portfolio.

He has 8 years of industry experience, and he holds a Bachelor of Science degree in Mechanical Engineering from Université Laval. He has been a member of “L’Ordre des Ingénieur du Québec” since 2016.

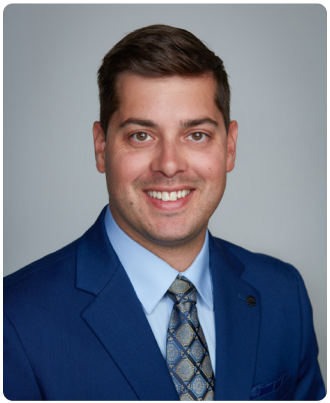


Mathieu Trepanier

Associate Product Manager

Mathieu manages a broad product portfolio of washers for the Pharmaceutical and Research Industries and is responsible for supporting Customers during the custom accessories development and implementation processes.

He holds Business-Management and Biomedical Research degrees from a Canadian university in Quebec and is a member of ISPE and PDA.



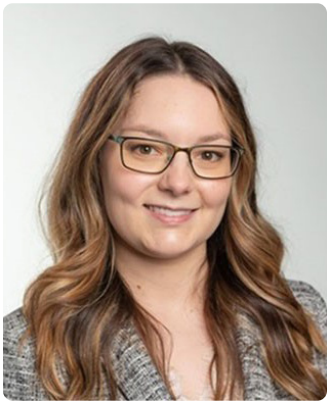
Olivier Van Houtte

Senior Manager
Product Marketing

Olivier has over a decade of experience managing the STERIS Life Sciences portfolio of products for Good Manufacturing Practices (GMP) and research washer and steam sterilization technology. He holds a bachelor's degree in business-marketing.

At STERIS Life Sciences, Olivier is responsible for developing a long-term vision for several product lines and the strategies and tactics to implement that vision. He is also responsible for new product and market development, understanding the latest industry standards and regulations and providing product training to achieve company objectives.

He is an active member of the International Society for Pharmaceutical Engineering (ISPE) and the Parenteral Drug Association (PDA). Olivier has co-authored several articles that have been featured in scientific publications. He has also spoken at industry events for the ISPE, PDA and other associations.



Grace Vila

Product Manager VHP Equipment and Consumables

Grace is responsible for the portfolio management and new product development of Vaporized Hydrogen Peroxide (VHP) Equipment and Consumables for both Biodecontamination and Sterilization applications.

She has over 9 years of experience in engineering and product management, including medical devices and decontamination equipment and consumables. She holds a Bachelor of Science degree in Biomedical Engineering from Northwestern University.