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# 2021 PDA VISUAL INSPECTION FORUM EXHIBITOR BUYER'S GUIDE

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14-15 **APRIL** 

EXHIBITION: 14-15 APRIL #PDAvisual

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# EXHIBITS COMMITTEE



CHAIR Nissa Barkat Novatek International

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Larry Pepper Genesis Packaging Technologies

**Peter Pratt** *Bioscience International, Inc.* 

Jason Willett Veltek Associates, Inc.

Alison Caballero PDA

**David Hall** PDA This Buyer's Guide is designed to help you maximize your virtual 2021 PDA Visual Inspection experience. Use the Schedule-at-a-Glance and Tech Talk schedule to build your own itinerary. The **Exhibitor Abstracts** and listing of Exhibitors by categories of product and service offerings will make it easier for you to navigate the virtual Exhibit Hall and to select those Exhibitors with which you want to connect. This is a special year for this important Conference – we are hosting it virtually for the first time! While we cannot be together in person, we plan to mark the occasion with the best Visual Inspection Forum yet! We have developed this Forum to ensure it delivers the same high-quality content, premier attendee experience, and community-focused networking opportunities you have come to expect. With superior content from thought leaders and plenty of opportunities to connect with peers from all over the world, this remains the premier event in the field



## VISUAL INSPECTION THANK YOU TO OUR SPONSORS!

PDA extends a special thank you to the following companies for their generous support of the 2021 PDA Visual Inspection Forum





## GatewayAnalytical





# **PDA THANKS OUR SPONSOR**

## 0.26 seconds can be decisive for patient safety

0.26 seconds – it does not take longer to find smallest defects or impurities on Blow-Fill-Seal containers. VINSPEC HEALTHCARE vision systems fully automatically inspect the entire filling and packaging process. Through inline inspection defective containers can be rejected immediately. **More safety. Better health.** 





VITRONIC provides a wide range of innovative solutions for optical quality inspections in pharmaceutical filling and packaging processes. VINSPEC HEALTHCARE systems can be flexibly integ ated in production lines. The portfolio includes fully automated inspection solutions for vials, BFS, IV-bags, insulin pens and TTS.

www.vitronic.com



**VIEW FULL SCHEDULE** 

# VISUAL INSPECTION SCHEDULE-AT-A-GLANCE All times listed in EDT (UTC -4)

#### **MONDAY, 12 APRIL**



Available on demand starting 12 March Get a head start and watch the Tech Talks. Then dial into the Tech Talk Live Video Chats for further discussion on the topics. ON DEMAND

Exhibitor Tech Talks -

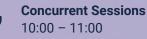
#### **WEDNESDAY, 14 APRIL**



### **THURSDAY, 15 APRIL**

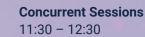


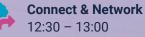
**Exhibit Hall Open** 09:00 - 10:00



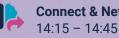


Virtual Exhibit Hall 11:00 - 11:30









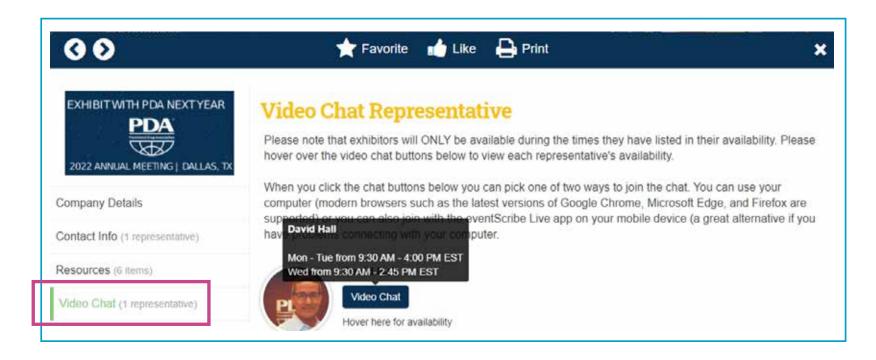
**Connect & Network** 

# VISUAL VIDEO CHAT: ATTENDEE PERSPECTIVE

### Did you know you can meet with exhibitors via video chat?

Although we are not meeting in person, you can still meet "face to face" with exhibitors through Live Video Chat. Navigate through the booths, and find the "Video Chat" option.

Hover over the picture of the video chat representative to see their availability and then click the "Video Chat" button.



You will have two options to join video chat. Select one and begin to chat. Up to 14 other attendees can join each video chat room.

#### VISUAL INSPECTION FORUM TECHTALKS All times listed in EDT (UTC -4)

Tech Talks are on demand starting at 12:01 EDT (UTC -4) on 12 April, 2021. Guide yourself through the available presentations. Representatives from the participating companies will be available for live video chat during the time listed below. Join them face to face through the tech talk channel.

### WEDNESDAY, 14 APRIL

#### 12:40 - 13:00

#### A Novel Particulate Database for Foreign Particulate Matter Investigations

#### David Exline, President and Founder, Gateway Analytical LLC

The inspection, detection, characterization and source determination of foreign particulate matter in pharmaceutical, medical device and gene/cell therapy products is a critical aspect to all regulated manufacturing processes. A cohesive program is vital for all manufacturers to manage the entire particulate management lifecycle. The main phases of a thorough particulate management lifecycle include process and product QBD initiatives, visual inspection, detection of foreign particulate, laboratory analysis, source determination, impact and future remediation. The methodologies implemented in these phases directly impact the overall quality system as it relates to foreign particulate investigations. Understanding of an overall particle management lifecycle approach and introduction to supporting methodologies and particle characterization strategies is imperative to proactively manage particle studies and non-conformance investigations. The ParticleID Database enables the user to compile, store, search and mine analytical data to optimize processes for foreign particulate and materials investigations. The ability to create internal known laboratory reference collections or utilize existing commercial databases adds significant alue to an investigation. All manufacturing environments contain a variety of product, process and environmental sources. A robust data management system is critical to efficiently access the ariety of materials needed to accurately identify the source of foreign materials.

#### 14:00 - 14:30

#### **Discovering New Defects with Deep Learning**

Sebastian Brandes, Co-Founder, BREVETTI AI (a Company of BREVETTI C.E.A. S.p.A.)

Algorithms based on deep learning inherently develop a model of what good products look like and how defects tend to look. It naturally develops the capability to identify new defects that were not known by the inspection specialists at the time of designing and building the automatic inspection machine. In this presentation, we will talk about how DL can be used as a tool to discover defects made by the production process and how they can be classified in o categories that we can use for designing, building, and validating inspection machines.

#### 14:00 - 14:30

#### Automated Vial Inspection – a Product Demonstration

Peter Daniel, Sales Engineer, VITRONIC Dr.-Ing. Stein Bildverarbeitungssysteme GmbH

Automated Vial Inspection - a Product Demonstration of a dedicated 360° sensor and learn about the advantages of inline inspection of vials and crimping.

# VISUAL COMPANY ABSTRACTS



#### ANTARES VISION

1 Whittendale Dr., Ste. A Moorestown, NJ 08057 Tel: +1 (856) 780-3465 Fax: +1 (856) 581-4118

#### www.antaresvision.com

Leading the complete process of protecting the products throughout their life-cycle, Antares Vision delivers the most comprehensive, scalable global solution in inspection systems, track & trace, and smart data management. Driven by competence, energy, and passion, we have fun in providing innovative technologies and developing strong partnerships with our customers.

#### CATEGORIES:

- Inspection Systems
- Labeling & Coding
- Pharmaceutical Equipment
- Process Automation
- Process Validation
- Software
- Supply Chain Management
- Visual Inspection of Parenterals



#### BREVETTI C.E.A. SPA SPONSOR

Via del Commercio, 28 Sovizzo, Veneto 36050 Italy Tel: +39 0444 551988 www.brevetti-cea.com

Brevetti CEA is 100% focused on the design and production of inspection machines for injectable pharmaceutical products. Since the 1950s, it has been committed to supporting companies around the world in order to guarantee the use of safer medicines for patient health. Across the world, Brevetti CEA references include a large variety of countries, customers, and major international pharmaceutical groups. With more than 2,500 machines installed worldwide, Brevetti CEA is internationally recognized as the inspection specialist.

#### CATEGORIES:

- Inspection Systems
- Instruments & Controls
- Visual Inspection of Parenterals

#### GatewayAnalytical 🔧

#### GATEWAY ANALYTICAL, AN APTAR PHARMA COMPANY SPONSOR

2009 Kramer Rd. Gibsonia, PA 15044 Tel: +1 (724) 443-1900 x136 www.gatewayanalytical.com

Gateway Analytical is a full-service analytical testing laboratory specializing in comprehensive, innovative particle testing and analysis solutions for the pharmaceutical, materials, and medical device industries. Gateway's unique focus specialized in testing methods and expert scientists allow the fast, accurate, and reliable results that today's customer's demand. To learn more, visit www.gatewayanalytical.com

#### CATEGORIES:

- Analytical Equipment/Services
- Analytical Labs/Stability
- Biologics (Blood and Plasma Products)
- Biopharmaceuticals
- Biotech
- Blow/Fill/Seal
- Cell Therapy
- Container Closure
- Contract Manufacturing
- Dye Test
- Extractables and Leachables

## VISUAL COMPANY ABSTRACTS

#### GATEWAY ANALYTICAL, AN APTAR PHARMA COMPANY (continued)

- Fill/Finish
- Glass Containers/Products
- Inspection Trends
- Lyophilization
- Pre-filled Syringe
- Product Development Services
- Proteins/Peptides
- QC/QA
- Single Use Systems
- Stoppers and Elastomers
- Syringes
- Vaccines
- Visual Inspection of Parenterals

## LONZA PHARMA & BIOTECH

Münchensteinerstr. 38 Basel 4002 Switzerland Tel: +41 61 316 81 11 Fax: +41 61 316 91 11

#### www.lonza.com

At Lonza Pharma & Biotech, we provide contract development and manufacturing services that enable pharma and biotech companies to bring medicines to patients in need. From the gene to the final drug product, our solutions are created to simplify your outsourcing experience and provide a reliable outcome, at the time when you expect it. Our extensive track record includes the commercialization of pioneering therapies and manufacturing of a wide variety of drugs. We continuously invest to solve not just the current, but also the future challenges. Together, we can bring your next medicine to life.

#### CATEGORIES:

- Biopharmaceuticals
- Contract Manufacturing
- Fill/Finish
- Product Development Services

## PARENTERAL DRUG ASSOCIATION (PDA)

4350 East West Highway, Suite 600 Bethesda, MD 20814 Tel: +1 (301) 656-5900

#### www.pda.org

The Parenteral Drug Association (PDA) is the leading global provider of science, technology, and regulatory information. PDA creates awareness and understanding of important issues facing the pharmaceutical and biopharmaceutical community and delivers high-quality, relevant education to the industry. Since its founding in 1946 as a nonprofit o ganization, PDA has been committed to developing scientifically sound, practical technical information and expertise to advance pharmaceutical/biopharmaceutical manufacturing science and regulation, so members can better serve patients.

#### CATEGORIES:

- Aseptic Processing
- · Biopharamceuticals
- Biotech
- Microbiology/Environmental Monitoring
- Quality Systems
- Regulatory Affairs
- Sterilization Sciences
- Supply Chain Management
- Training Materials and Services

## VISUAL COMPANY ABSTRACTS

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#### VITRONIC MACHINE VISION LTD. SPONSOR

11900 Plantside Dr., Ste. G Louisville, KY 40299 Tel: +1 (502) 266-2699 Fax: +1 (502) 266-2695

#### www.vitronic.com View advertisement >

VITRONIC is a global leader in the field of industrial machine vision headquartered in Wiesbaden, Germany. VITRONIC supports customers in more than 60 countries via a global network of subsidiaries, service centers, and partner companies. VINSPEC HEALTHCARE offers an integrated solution for automated quality inspection of pharmaceutical packaging. The visual inspection system covers all requirements throughout the entire packaging process. These include inline inspection of empty containers, as well as inspections during the filling and sealing p ocess. The portfolio includes fully automated inspection solutions for vials, BFS, IV-bags, TTS, and insulin pens. Systems can be flexibly integ ated into existing production lines.

### VITRONIC MACHINE VISION LTD. (continued)

#### CATEGORIES:

- Blow/Fill/Seal
- Container Closure
- Flexible Container
- Inspection Systems
- Inspection Trends
- Process Automation
- QC/QA
- Vials
- Visual Inspection of Parenterals

### 

#### WILCO AG

Rigackerstrasse 11 Wohlen, Aargau 5610 Switzerland Tel: +41 56 618 4343 www.wilco.com

WILCO AG is a Swiss solution provider of leading inspection systems. With 50 years of tradition in innovation, we offer customized solutions for nondestructive Visual Inspection and Container Closure Integrity Testing for a wide range of pharmaceutical packaging. WILCO has a large portfolio of technologies and methods which are used individually or in combination for the customized systems for lab to production. Continuous optimization and expansion enable unique solutions and guarantee future-proof solutions with maximum functionality.

#### CATEGORIES:

- Calibration Services
- · Consulting Services
- Inspection Systems
- Inspection Trends
- Validation Services
- Visual Inspection of Parenterals

#### VISUAL INSPECTION FORUM COMPANY CATEGORY LISTINGS

#### Analytical Equipment/ Services

Gateway Analytical, An Aptar Pharma Company **8** 

#### **Analytical Labs/Stability**

Gateway Analytical, An Aptar Pharma Company 8

#### **Aseptic Processing**

Parenteral Drug Association 9

**Biologics** (Blood and Plasma Products)

Gateway Analytical, An Aptar Pharma Company 8

#### **Biopharmaceuticals**

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Lonza Pharma & Biotech 9

Parenteral Drug Association 9

#### Biotech

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Parenteral Drug Association 9

#### **Blow/Fill/Seal**

Gateway Analytical, An Aptar Pharma Company **8** 

VITRONIC Machine Vision Ltd. 10

Calibration Services

#### **Cell Therapy**

Gateway Analytical, An Aptar Pharma Company **8** 

#### **Consulting Services**

Wilco AG 10

#### **Container Closure**

Gateway Analytical, An Aptar Pharma Company **8** 

VITRONIC Machine Vision Ltd. 10

#### **Contract Manufacturing**

Gateway Analytical, An Aptar Pharma Company 8

Lonza Pharma & Biotech 9

#### **Dye Test**

Gateway Analytical, An Aptar Pharma Company **8** 

### Extractables and Leachables

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VITRONIC Machine Vision Ltd. 10

#### **Fill/Finish**

Gateway Analytical, An Aptar Pharma Company **8** 

Lonza Pharma & Biotech 9

#### **Flexible Container**

VITRONIC Machine Vision Ltd. 10

#### **Glass Containers/Products**

Gateway Analytical, An Aptar Pharma Company **8** 



#### VISUAL INSPECTION FORUM COMPANY CATEGORY LISTINGS

#### **Inspection Systems**

Antares Vision 8 Brevetti C.E.A. SPA 8 VITRONIC Machine Vision Ltd. 10 Wilco AG 10

#### **Inspection Trends**

Gateway Analytical, An Aptar Pharma Company 8

VITRONIC Machine Vision Ltd. 10

Wilco AG 10

Instruments & Controls
Brevetti C.E.A. SPA 8

Labeling & Coding
Antares Vision 8

#### Lyophilization

Gateway Analytical, An Aptar Pharma Company **8** 

### Microbiology/ Environmental Monitoring

Parenteral Drug Association 9

### Pharmaceutical Equipment Antares Vision 8

#### **Pre-filled Syringes**

Gateway Analytical, An Aptar Pharma Company **8** 

Process Automation Antares Vision 8 VITRONIC Machine Vision Ltd. 10 Process Validation
Antares Vision 8

Product Development Services

Gateway Analytical, An Aptar Pharma Company **8** 

Lonza Pharma & Biotech 9

#### **Proteins/Peptides**

Gateway Analytical, An Aptar Pharma Company 8

#### QC/QA

Gateway Analytical, An Aptar Pharma Company 8 VITRONIC Machine Vision Ltd. 10

Quality Systems
Parenteral Drug Association 9

#### **Regulatory Affairs**

Parenteral Drug Association 9

#### **Single Use Systems**

Gateway Analytical, An Aptar Pharma Company **8** 

#### Software

Antares Vision 8

#### **Sterilization Sciences**

Parenteral Drug Association 9

#### **Stoppers and Elastomers**

Gateway Analytical, An Aptar Pharma Company **8** 



# VISITAT COMPANY CATEGORY LISTINGS

#### Supply Chain Management

Antares Vision 8

Parenteral Drug Association 9

#### **Syringes**

Gateway Analytical, An Aptar Pharma Company 8

Training Materials and Services

Parenteral Drug Association 9

#### Vaccines

Gateway Analytical, An Aptar Pharma Company **8** 

### Validation Services

Wilco AG 10

#### Vials

VITRONIC Machine Vision Ltd. 10

## Visual Inspection of Parenterals

Antares Vision 8

Brevetti C.E.A. SPA 8

Gateway Analytical, An Aptar Pharma Company **8** 

VITRONIC Machine Vision Ltd. 10 Wilco AG 10

