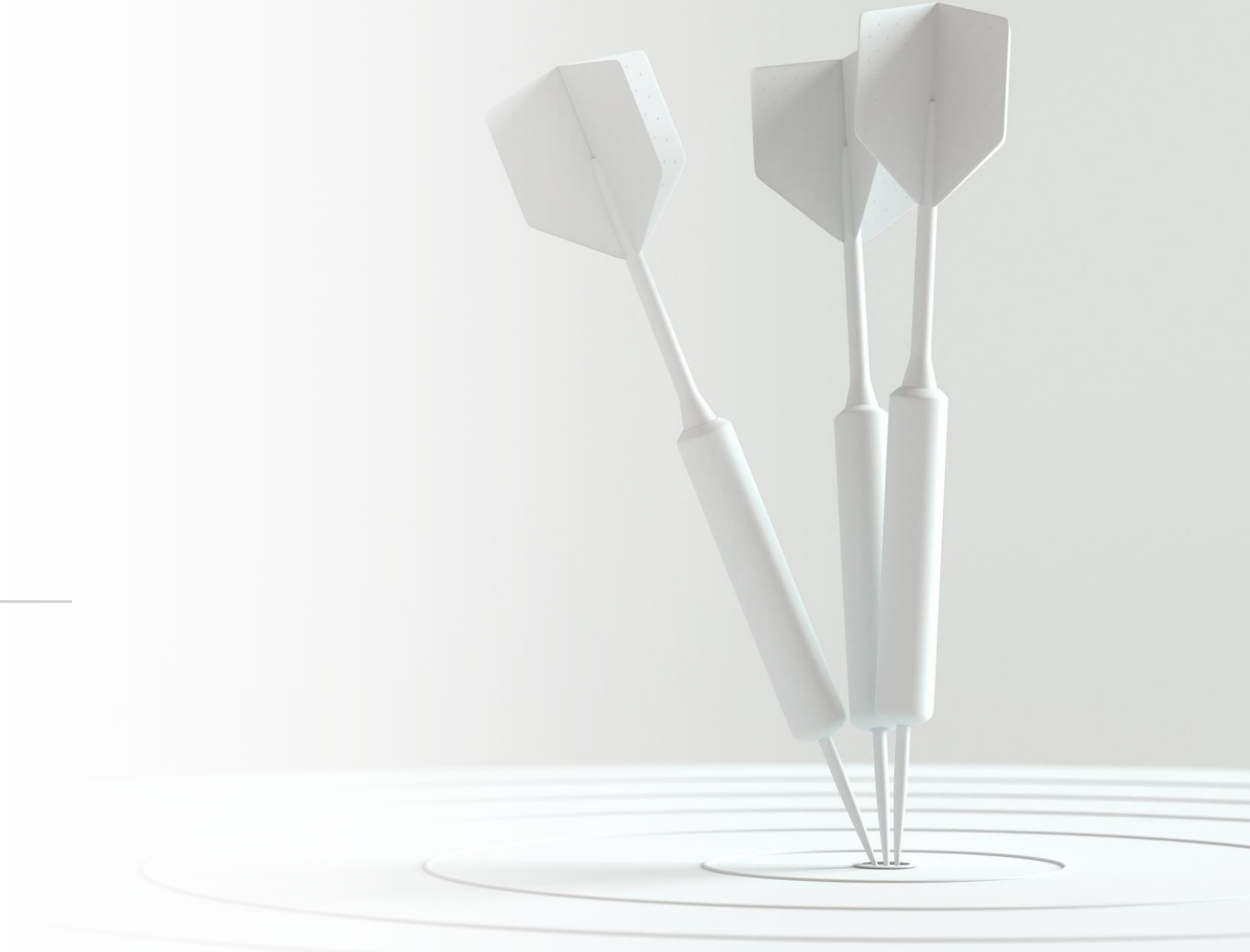




# ISTA UPDATE

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# A Statement on Racism and Injustice

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ISTA stands in support of those who are demanding equal rights, racial justice, and fair treatment for everyone both in the workplace and the community.

The killing of George Floyd in Minneapolis is the latest in a long list of violent killings that have taken the lives of Ahmaud Arbery, Breonna Taylor, and many others. The powerful reaction we are witnessing around the world reinforces the need for directly confronting discrimination and racism wherever its encountered.

Long-standing barriers to equality and inclusion must be broken with urgency. For some in our community, these events are deeply personal. To the black members of our community, I speak for our entire member body when I say that we support you and we stand with you in demanding lasting change, inclusion, respect, and justice.



# STRATEGIC PLANNING – FOCUS AREAS



Technical

Core technical expertise: We are experts in distribution environment data, analysis and testing



Accessibility

Make all ISTA knowledge accessible through online technology



Global Reach

Become a pre-eminent packaging organization across all industries globally



The background of the slide features a dark, textured surface. On the right side, there is a large, abstract shape composed of a grid of small, overlapping circles in various colors including red, teal, and yellow. This shape resembles a hand or a stylized figure. The overall aesthetic is modern and technical.

# Technical Focus

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Research Activity

# India Distribution Environment Data Collection

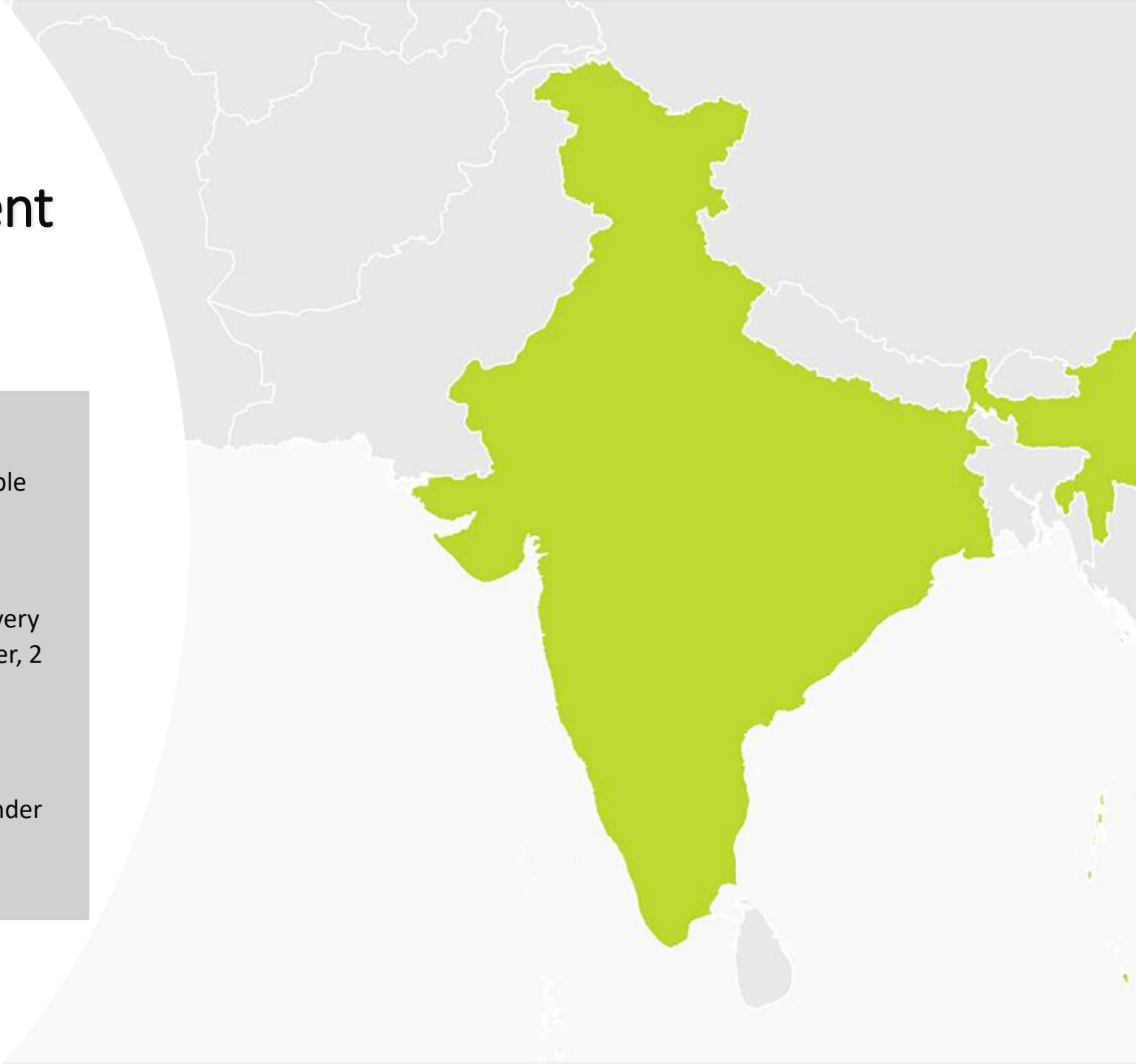
Collect  
hazard data  
for  
distribution  
from  
Jawaharlal  
Nehru port  
(Mumbai)  
to New  
Delhi

## Particulars

- Shock, Vibration and Atmospheric – multiple replicates
- Instrumented Trips – 40
- Routes – collected data on several routes
- Modes – Truck, train, air, small parcel delivery
- Number of Companies – 5 CPPGs, 1 Retailer, 2 Logistics

## Progress

- Data collection has been completed
- The final report has been drafted and is under review



# EU Data Collection Summary

## Goal

- Collect distribution environment hazard data for CPG distribution in the EU

## Particulars

- Shock, Vibration and Atmospheric – multiple replicates
- Routes – (2) N/S, (2) E/W
- Modes – Truck, train, air
- Number of Companies – TBD

## Progress

- Bids were received and a research partner was selected.
- Currently working through contract issues.
- Expect the project to extend into 2021, depending on impact of COVID-19 response.





# Advocate Research & Value Delivery Program: Projects currently in the Field

## Research Damage Causing Events In Small Parcel Not Currently Reflected in ISTA 3A

Measuring the effect of packaged product size and weight on the drop heights experienced is currently underway but delayed due to COVID-19 related restrictions. The delay will extend the data collection portion of this project into 2021

## Develop Test Protocol to predict package performance in e-Commerce Retailer and Consolidator Shipping Systems

A pilot study of observational data collection with a major retailer, including identification of problem commodities for later correlation by the ISTA Standards Council is complete. ISTA is currently in discussions with additional major retailers for further data gathering in 2020.



### LEADERS:



### PARTNERS:



### SUSTAINERS:



# Standards Council Workgroups



- Workgroups
  - Concentrated Forces
    - **Goal** – Develop test to account for LTL hazards such as abrasion & crushing from strapping, air bags & load beams
    - Proof of concept work underway at 4 universities
    - Results will lead to larger study
  - Load Stability
    - Small field study & forklift study completed
    - Next Steps –
      - Draft **Short Duration** Impact test method/block
      - Scope research plan for **Long Duration** events
      - Publish guidance doc defining range of events that impact stability of load





The background of the slide is a dark, abstract composition. On the right side, there is a dense pattern of small, overlapping circles in shades of teal, orange, and white, creating a bokeh effect. This pattern transitions into a grid of larger, more distinct circles towards the center. The left side of the slide is mostly black, providing a high-contrast background for the white text.

# Technical Focus

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Thermal Testing

# ISTA Pharma Committee Formed

- The ISTA Pharma Committee is an Ad Hoc Technical Committee comprised of individuals from both supplier partners and Life science end-user organizations involved in the supply chain for temperature-sensitive products.
- The committee's goal is to develop and publish peer reviewed technical guidance that addresses relevant needs of the industry as well as provide a forum for industry members to collaborate and share best practices.
- This guidance will define a representative standard and drive standardization to address specific topics for the advancement of the industry.
- Organizations from each part of the supply chain are members to provide differing perspectives and develop comprehensive technical content.



# ISTA Pharma Committee Membership

## Committee Chair

Anthony (TJ) Rizzo – Cold Chain Technologies

## Committee Members

(4 max)

Arminda Montero – AbbVie

Bill Mayer – Pelican BioThermal

Bryan Cardis – Eli Lilly

Carolyn Williamson – Parenteral Supply Chain

## Core Team

(10 max)

Ben VanderPlas – Sonoco Thermosafe

Bill McGillian – Merck

Brian Wallen – Kite Pharma

Carmichael Galang – Bayer

Craig Vermeyen – Kite Pharma

Jeff Sullivan – AeroSafe Global

Jennifer Antonetti – Biogen

Mark Everitt – AstraZeneca

Phil Wooldridge – Genentech

Scott Dyvig - Lifoam

## Extended Team

(no limit)

Eric Silberstein – BioMarin

Jason Mei – Amgen

Jen Katigbak – BioMarin

Lisa Moher – Sanofi

Rey Chern – formerly of Amgen

Richard Harrop – Topa Thermal





# Published Best Practice Guideline

## Reusable Passive Thermal Packaging System Best Practice Guideline

Released: August 1<sup>st</sup>, 2018

- Purpose
  - Increased demand for reusable passive thermal packaging systems has led to a wide variety of ways to qualify, return, refurbish, and manage these types of shipping solutions. Setting an industry best practice, as well as expectations for these aspects, will increase the quality of the systems and services and ultimately lead to increased product quality and solution innovation.
- Objectives
  - To provide a set of principles and examples, distilled from industry best practices, for the implementation and management of reusable passive thermal packaging systems
- Guideline Areas Covered
  - Process for Qualifying a Reusable Shipping Solution
  - Refurbishment and Replacement Service
  - Refurbishment and Replacement Inspection Details
  - Appendices:
    - Examples on Common Defects
    - Examples of Executed Reuse Programs



### Reusable Passive Thermal Packaging Best Practice Guideline

Released: August 1st, 2018  
Revision: 00

#### Reusable Passive Thermal Packaging System Best Practice Guideline Team:

##### AUTHORS:

Alan Forthman, GSK  
Andrew Heholt, va-Q-tec USA  
Arminda Montero, AbbVie  
Bill Mayer, Pelican BioThermal  
Bryan Cardis, Eli Lilly  
Carolyn Williamson, Bristol-Myers Squibb

Frank Butch, Sonoco Thermosafe  
Jason Sawicki, Genentech  
Jeff Sullivan, AeroSafe Global  
Rey Chern, Amgen  
Richard Harrop, Topa Thermal  
Anthony (TJ) Rizzo, Cold Chain Technologies

##### ACKNOWLEDGEMENTS:

Beth Ruland, Bristol-Myers Squibb  
Christine Tan, AbbVie  
David Ulrich, AbbVie  
Eric Silberstein, BioMarin Pharmaceutical  
Hadj Latreche, Roche  
Hans van Overveld, AbbVie

Justin Bourret, Genentech  
Kevin Gagnon, GSK  
Larry Pavlinac, GSK  
TzeHo Lee, Biogen  
Walter Verhoef, AbbVie

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[www.ista.org](http://www.ista.org)



# In Process Best Practice Guideline

## Passive Thermal Packaging System Operational Qualification Best Practice Guideline

Released for Comment: March 26, 2020

- Purpose
  - To simplify the process for end-users to comparing solutions on the market and ensure they meet testing expectations. Also to standardize the expectations from end-users to streamline the operational qualification and review process for solution partners.
- Objective
  - To develop a guideline on the passive thermal packaging operational qualification process that defines the minimum requirements and drives standardization among packaging providers and life science companies alike. Collaboration between end-users and solution suppliers to develop mutually beneficial and harmonized requirements.
- Guideline Topics Covered
  - Equipment
  - Test Plan & Methodology
  - Documentation
  - Implementation Considerations
  - Appendices: Best Practice Examples



### Passive Thermal Packaging System Operational Qualification Best Practice Guideline

Released: August 1st, 2018  
Revision: 00

#### ISTA Pharma Committee

##### Best Practice Guideline Team:

###### AUTHORS:

Alan Forthman, GSK  
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# Accessibility

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PackSight





# ISTA PackSight Launched

- PackSight is a secure, cloud-based, global, mobile, and web access workflow tool with a central data repository for ISTA testing.
- ISTA Lab Members receive one user license with membership.
- Non-Lab members should contact ISTA if they are interested in using PackSight.
- For more information visit <https://ista.org/packsight.php>



## Benefits of Digital Protocols



### Speed

PackSight allows you to move through test procedures without double checking ISTA protocols.



### Accuracy

PackSight guides you through procedures, preventing mistakes and ensuring ISTA standards compliance.



### Reporting

PackSight lets you say goodbye to the hassle of manual test reporting. Run reports with the click of a button.

## Security

PackSight leverages Specrights best-in-class security capabilities to ensure data is safeguarded. Through a combination of technology and user permissions, labs can rest assured that the right data is accessed by the right people.

## Scalability

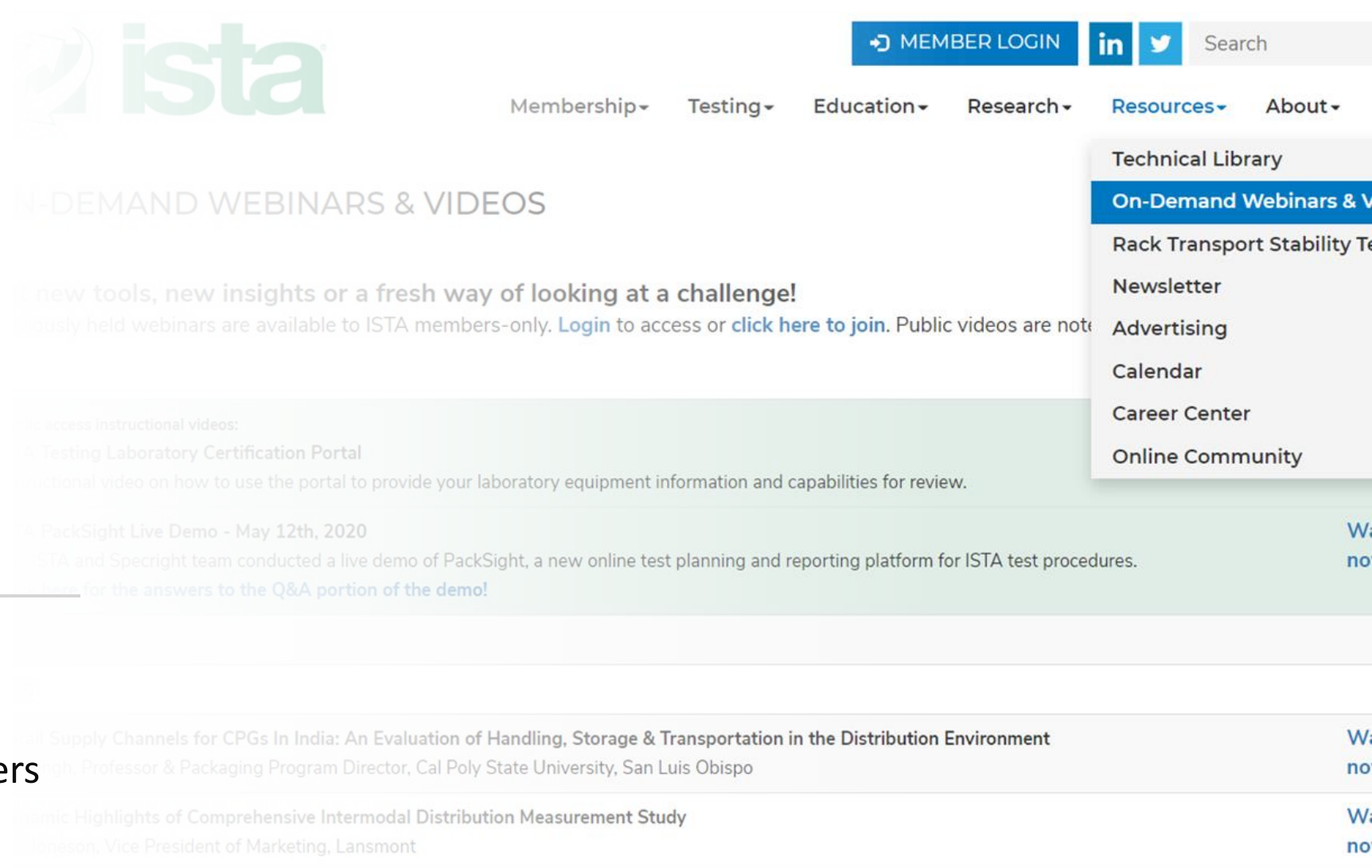
PackSight is built on the Specright Specification Data Management platform, which was built for enterprise companies to manage hundreds of thousands of data points related to packaging and products. As a result, PackSight can easily perform and store tests without a lag in performance. Both companies will also work to continuously release new PackSight features to benefit members.

## Technology & Expertise

In creating PackSight, ISTA and Specright combined over 100 years of packaging expertise and leading technology innovations. The result is a platform built by packaging professionals, for packaging professionals.

# On-Demand Webinars & Video

ISTA's backlog of webinars dating back to 2013 are now available online and on-demand to members



The screenshot displays the ISTA website's navigation and content. At the top, the ISTA logo is on the left, and a navigation bar on the right includes a 'MEMBER LOGIN' button, social media icons for LinkedIn and Twitter, a search bar, and links for Membership, Testing, Education, Research, Resources, and About. The 'Resources' dropdown menu is open, showing options like Technical Library, On-Demand Webinars & Videos (highlighted), Rack Transport Stability Test, Newsletter, Advertising, Calendar, Career Center, and Online Community. Below the navigation, the 'ON-DEMAND WEBINARS & VIDEOS' section features a light green background with the text: 'Get new tools, new insights or a fresh way of looking at a challenge! Previously held webinars are available to ISTA members-only. [Login](#) to access or [click here to join](#). Public videos are not available.' A list of available videos follows, including 'ISTA Testing Laboratory Certification Portal' and 'ISTA PackSight Live Demo - May 12th, 2020'. The bottom of the page shows a list of webinar titles and speakers, such as 'Retail Supply Channels for CPGs In India: An Evaluation of Handling, Storage & Transportation in the Distribution Environment' by Dr. Anand Kulkarni and 'Dynamic Highlights of Comprehensive Intermodal Distribution Measurement Study' by Dr. Joneson.

ista

MEMBER LOGIN

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ON-DEMAND WEBINARS & VIDEOS

Get new tools, new insights or a fresh way of looking at a challenge!  
Previously held webinars are available to ISTA members-only. [Login](#) to access or [click here to join](#). Public videos are not available.

Public access instructional videos:

- ISTA Testing Laboratory Certification Portal  
Instructional video on how to use the portal to provide your laboratory equipment information and capabilities for review.
- ISTA PackSight Live Demo - May 12th, 2020  
ISTA and Specright team conducted a live demo of PackSight, a new online test planning and reporting platform for ISTA test procedures.  
[Click here](#) for the answers to the Q&A portion of the demo!

Retail Supply Channels for CPGs In India: An Evaluation of Handling, Storage & Transportation in the Distribution Environment  
Dr. Anand Kulkarni, Professor & Packaging Program Director, Cal Poly State University, San Luis Obispo

Dynamic Highlights of Comprehensive Intermodal Distribution Measurement Study  
Dr. Joneson, Vice President of Marketing, Lansmont

# Global Reach

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Board of Directors





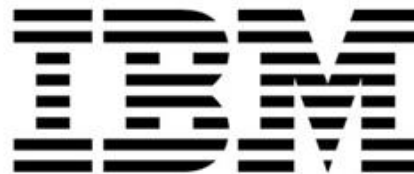
# New Global Board of Directors Officers Elected



**Chair**  
**Greg Batt**



**Vice Chair**  
**Bill Green**



**Immediate Past Chair**  
**Sam Sheppard Fidler**



# Division & Council Chairs



**Asia Pacific**

J.K. Kim



**China**

Mr. Li Hua



**Europe**

Stuart Roberts



**North America**

Mike Gabriel



**Education**

Patrick McDavid



**Research**

Quinto Marini



**Certification**

Kyle Dunno



**Standards**

Chris Phan



# Global Directors At-Large



Michelle Bryson



Greg Fornasiero



Eric Joneson



Rodney Prater



Matt Thompson







# Global Reach

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Events





**Wednesdays**  
**September & October**  
**1:30pm-2:30pm EST**

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## The Omnichannel Packaging Strategies Conference

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- The 2020 version of The Omni-Channel Packaging Strategies Conference will move to a virtual format.
- Full intention to return to in-person format once viable.
- Call for speakers is open. If you have a topic to propose visit [ista.org](https://ista.org) to submit your topic



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# China Packaging Symposium

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- The 2020 ISTA China Packaging Symposium will be held as a virtual “live conference”
- Five live sessions will be held through out September (9<sup>th</sup>, 11<sup>th</sup>, 16<sup>th</sup>, 18<sup>th</sup> & 21<sup>st</sup>)
- Please contact us if you are interested in being a speaker for this event





# EUROPEAN PACKAGING SYMPOSIUM

**2-4 March 2021**  
**Berlin, Germany**  
Courtyard by Marriott Berlin City

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## European Packaging Symposium

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- 2 – 4 March 2021 at the Courtyard by Marriott Berlin City Center
- Call for speakers is underway
- Focus is currently on building out program for promotion





# FORUM 2021

# TransPack | TempPack

MARCH 29-APRIL 1 | SAN DIEGO, CALIFORNIA | MARRIOTT MARQUIS SAN DIEGO MARINA

Pre-Forum CPLP & RPbD Training | March 28-29

## TransPack & TempPack

- Working with 2020 presenters to get recordings of presentations online
- The 2021 Event is at the Marriott Marquis in San Diego, March 29 – April 1
- Considering a shift from a 2.5 day program format to 2 days
- 2022 locations being considered are Austin, Houston, and Phoenix



# TOKYO PACK 2021

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未来を拓く

包みのテクノロジー

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## Asia-Pacific Packaging Symposium

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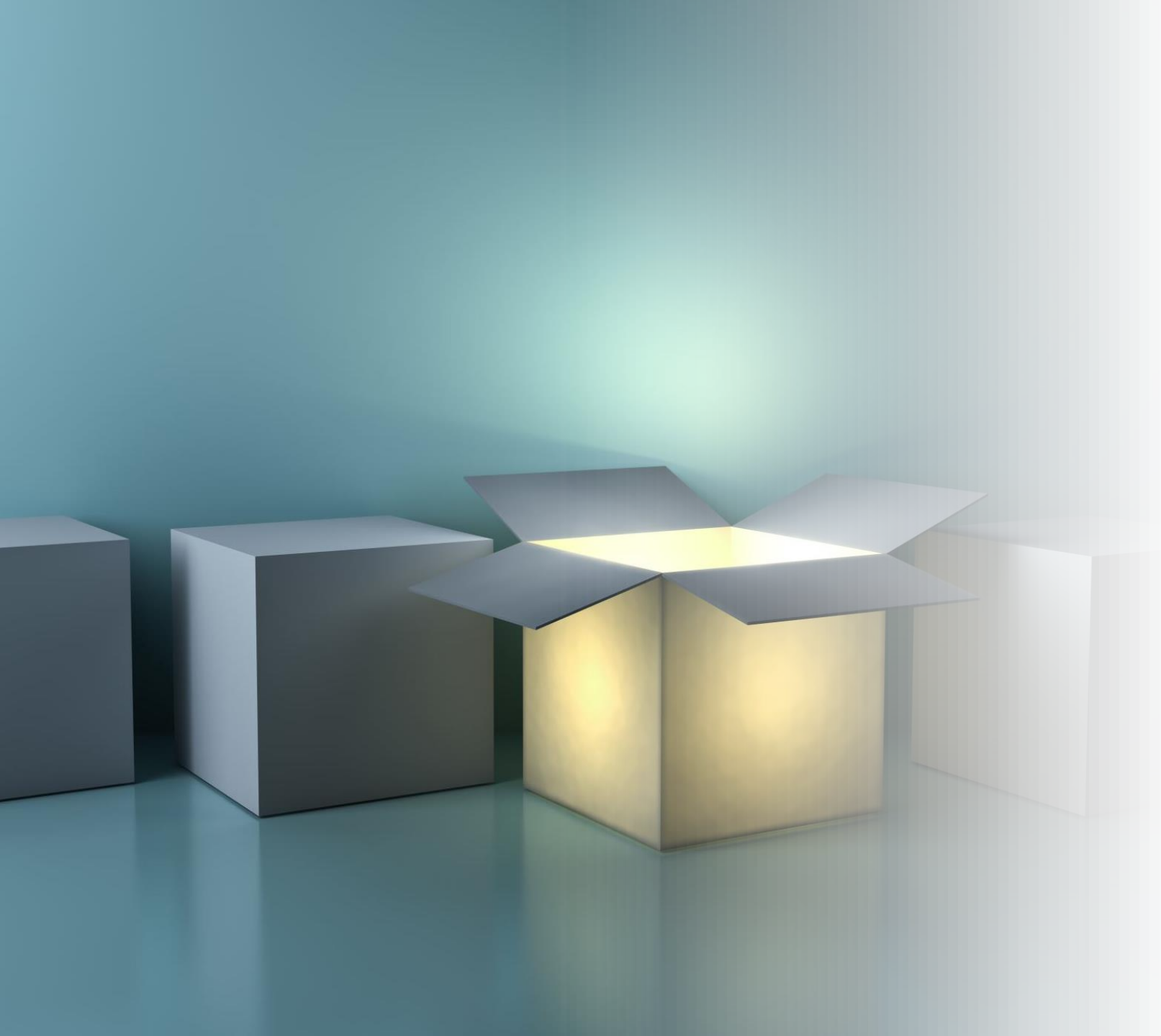
- JPI has agreed to co-host a symposium with ISTA in conjunction with the 2021 Tokyo Pack
- Unclear at this time if the delay of the Summer Olympics to 2021 will impact Tokyo Pack
- Asia-Pacific Board is currently working to plan a one-day event including an official dinner reception





PLEASE SEND ANY  
QUESTIONS OR  
COMMENTS TO  
[ISTA@ISTA.ORG](mailto:ISTA@ISTA.ORG)

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THANK YOU  
FOR BEING AN  
ISTA MEMBER!

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