

Virtual Spring Conference: PHARMA PLANT WAR STORIES

Lessons Learned & Best Practices from Design to Operation

Monday, April 19- Friday, April 23, 2021 On-Demand Webinars with Live Q&A Sessions



PROGRAM SUMMARY:

The ISPE Boston Area Chapter is pleased to present a virtual Spring Conference program focused on lessons learned and best practices. The topics covered in this conference will delve into the key ideas, strategies and implementation processes that attendees can utilize in order to achieve the greatest value at their own facilities. Attendees will receive access to ondemand webinar sessions – watchable on *your* schedule! Then, join us for live Q+A sessions with our program speakers to diver deeper into the subject matter.

WHO SHOULD ATTEND:

This virtual program will appeal to a wide variety of industry personas including Process & Automation Engineers, Quality Assurance, and Operations Professionals. Individuals or organizations involved in life sciences should attend as it shall provide insights into new ways of thinking about existing challenges in life science manufacturing. The expert assembly of speakers shall provide new approaches to streamlining manufacturing processes and cost savings.

EVENT AGENDA:

April 19-23: Attendees have access to the full library of recorded webinar programs (listed below) to watch ondemand at their convenience. Attendees will then be able to join live Q+A sessions occurring via Zoom where they'll be able to speak with the webinar presenters – the schedule for these live sessions will be posted soon!

PRESENTATIONS:

AUTOMATION TRACK Martin Mayer, Head of Business Development, ZETA GmbH *The Digital Twin: Integrated Engineering as the Key to Effective Digitalization*

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The presentation will cover the topic of improving competitiveness and cost efficiency. The digital twin approach covers many aspects of Industry 4.0, Pharma 4.0 and general digitization. Details of this disruptive technology will cover best practice examples of this technology in domains such as modelling (AI, ML) and augemented/virtual reality.

AUTOMATION TRACK

Toni Manzano, Co-founder & Chief Science Officer, Aizon

3 Examples of Increased Process Performance in Bio-Pharma Using Artificial Intelligence

Too often an incomplete understanding of operational realities is preventing pharmaceutical manufacturers from avoiding product waste, repeat non-conformances, and other issues holding them back in delivering predictable product supply. The pharmaceutical industry has a growing need for technology innovation to achieve operational and manufacturing excellence. This presentation will present three practical examples of how pharma 4.0 technologies such as Artificial Intelligence improved manufacturing operations from real use case studies with our client projects.

The session will include the presenter's personal view and direct experiences from several client projects where artificial intelligence and machine learning (AI/ML) techniques have been deployed to create compelling new actionable insights. From optimizing the yield of downstream drug products based on data from upstream bioprocess steps and avoiding VOC emission excursions via improved root cause analysis to a significant reduction of stops on automated fill/finish lines using predictive operator guidance.

Based on the experiences of the pharma 4.0 journey taken by a number of global leaders and early adopters, this presentation will also offer a perspective on how to achieve operational excellence and prepare organizations to be ready to accept changes related to the adoption of these fast-emerging new technologies.

AUTOMATION TRACK

Pietro Perrone, P.E., Automatic Process Engineer, Cytiva (formerly GE Healthcare) Chelsea Kuranda, Senior System Designer, Cytiva (formerly GE Healthcare)

Advanced Automation for the Flexible Manufacture of Therapeutics

Improvements in biopharmaceutical productivity and flexibility are achieved when unit operations in the production train perform in concert with each other. The architecture of the automation that supports the bioprocess operation defines the design of a flexible and effective manufacturing operation. Developing standardized automation modules enhances the applicability to multiple unit operations and improves the speed of implementation into manufacturing operations by applying software that is verified across multiple platforms. This results in fast and cost-effective implementations for the manufactures of therapeutics.

Connected manufacturing is to seamlessly link unit operations via both physical and digital connections throughout the process. Connected manufacturing integrates an overarching layer of automation across multiple steps in the bioprocess train extending from upstream to downstream. Aligned with the physical connections, the digital connections coordinate the individual unit operations with each other and minimize operator intervention.

This presentation highlights innovative production methods and technologies that enable a competitive and sustainable biopharmaceutical product supply. Key factors for an industry that aims to maximize productivity, flexibility and quality in the manufacture of biopharmaceutical products.

AUTOMATION TRACK

Gilad Langer, Manufacturing Practice Lead, Tulip Michelle Vuolo, Quality Practice Lead, Tulip Digitize the Batch Records with Pharma 4.0 Technology that Works

Emerging digital technologies offer ways to digitize batch records rapidly and with a very shallow learning curve. This means that transforming paper based activities and processes is no longer a complicated and risky undertaking. This democratizing of the batch record, a core principle driving digital transformation, is an interesting method that has been adopted by a number of pharma companies and is already yielding some interesting results. In this session you can learn how digital technology is used for rapid development of solutions to instrument the manufacturing processes and capture batch information digitally.

CQV TRACK

Charlie Maher, Sr. Director of Capital Projects, Validation & Operational Readiness, Resilience John Kerwin, PhD, Director of Viral Vector Process Development, Resilience

Quality by Design (QbD) in the era of Cell and Gene Therapy - Taking it to the Next Level

Since the publication of ICH-8 in 2006, Quality by Design (QbD) has been employed by the life science industry to improve pharmaceutical product quality, reduce regulatory risk and enhance patient access to novel products. With the rise of cell and gene therapies, the use of QbD is even more important given the pace of innovation, the compression of the product development lifecycle, challenges in characterizing product and process, and rapid institutional learning by regulatory bodies. This presentation will explore these drivers and highlight examples of how the disciplined use of QbD can enhance the product quality, success in regulatory approvals, reduced direct and indirect product lifecycle costs and improved regulatory flexibility for post-approval changes for cell and gene therapy products.

CQV TRACK

Elizabeth Rivera, Technical Services Manager, STERIS Stage 3 Maintenance of a Cleaning Validation Program

The recent shift from traditional cleaning validation to a 3-staged cleaning life cycle approach emphasizes the requirement for scientifically sound decisions in the design, qualification, and monitoring of a cleaning process. The main purpose of the third validation stage is continuous assurance that the cleaning procedure is performing as expected and remains in a state of control for the life of the product(s) being manufactured. As suggested in the FDA Process Validation Guidance, to accomplish continuous assurance a system (or systems) is essential for detecting unplanned departures from the validated process. Implementing a system to evaluate the performance of the cleaning process includes collecting and interpreting cleaning data that allows detection of undesired variability.

When a process shows undesired variability actions must be taken to correct, anticipate, and prevent problems so the process remains in control. An ongoing program to collect and analyze product and process data that relate to cleaning acceptance criteria (and hence product quality) must be established. The information collected should verify that the critical cleaning attributes are being controlled throughout the process. Several concepts are discussed in the presentation provide guidance on the various ways to provide a high level of assurance that a cleaning process remains validated and in control such as Periodic Review, monitoring and data trending, preventive maintenance, non-routine soils and cleaning beyond validated, personnel retraining, change control procedures, deviations, OOS, among others.

CQV TRACK

Steve Wisniewski, Principal Consultant, CAI

Commissioning & Qualification Baseline Guide Volume 5 - 2nd Edition

The ISPE Commissioning and Qualification guide was first issued in 2001 and reflective of that time. With emerging markets, changes in the regulatory landscape, advances in commissioning and qualification methodology, the commissioning and qualification CoP has rewritten the guide to align with present day requirements and best practices applicable to the current market. This guide considered applicable regulatory requirements as identified in ICH and ASTM E2500. The Guide provides a well-defined framework for a lifecycle QRM and risk-based approach to verification and documentation of fitness for use.

Areas of Focus: Review of the new elements including an integrated approach for developing and executing a commissioning and qualification plan, risk assessments and verification. Description of the new and improved methodologies to test once through verification and use & acceptance reports. The expanded role of Engineering using GEPs and Quality's focus on that which is deemed critical.

In this presentation, participants will be able to gain an overview of the new C&Q guide, clearly understand of the updates within the revised Baseline Guide, understand the tools provided to projects to drive efficiency and to reduce duplication of C&Q efforts during execution.

CQV TRACK

John Hitsos, PE, CxA, Commissioning Manager, Jacobs

The Integration and Interdependence of Factory Acceptance Testing, Start-up, and Commissioning

This presentation will detail the scope, requirements, and differences of Factory Acceptance Tests (FATs), Startup Testing, and Commissioning (Cx) Tests. It will also define and distinguish the salient points in specifying, planning, and implementing the

Continued on the next page...

FAT, Startup, and Cx Programs. Lastly, it will review the advantages in integrating the FAT, Startup and Cx Functional Test Programs

DESIGN TRACK

William Deckert, Global Consultant, CAI

Are You Sitting On Your Assets? A Programmatic Approach To Utilizing Your Existing Infrastructure to Achieve Speed to Market

A very detailed discussion about how existing facilities can be renovated into Cell & Gene Therapy manufacturing suites with less cost and a shorter schedule. This will result in getting products to market quicker and creating more ROI for investors and for manufacturing companies. With 700 new products hitting the market within the next 24 months, it is critical to create manufacturing spaces that can produce these products quickly and safely.

DESIGN TRACK

Keith Beattie, Director, Energy Efficiency Consultancy Ltd (EECO2)

Cleanroom Cost, Quality & Environmental Sustainability: Can You Afford to Compromise?

This presentation covers the many options open to cleanroom users to minimise the energy consumption and operational costs of these highly energy intensive spaces. There are many efficiency improvements available that have proven to have no detrimental impact on the critical product quality needs. Topics discussed will include:

- Practical & proven top tips you can apply today to make a real & significant improvement
- The business case to support action illustrated with case studies.
- Future game changing innovation in cleanroom controls

DESIGN TRACK

Lindsay Smart, Managing Director, ZETA GmbH

Single-Use vs Stainless Steel: Are Hybrid Facilities The Best of Both Worlds?

The pharmaceutical industry is constantly facing severe time and cost pressures. Currently, in order to be able to react to new developments in the sector, as quickly as possible, the focus is ever increasingly centered on time-to-market as well as modular, highly flexible production concepts for new biopharmaceutical products. During the planning phase for so-called fast-track projects, single-use technologies (SUT) are also becoming increasingly more important. It is suggested, in search of the best possible solution, the industry should jointly rely more on hybrid solutions and customized single-use systems.

SUT is often manufacturer specific and can often only be used in a limited way. In contrast, customized stainless-steel solutions, which do not have these disadvantages, can tend to be less flexible and require time-consuming cleaning and sterilization processes. State-of-the-art hybrid solutions are based on well-designed engineering concepts, combining SUT with high-end stainless-steel components. Therefore, benefits of both system types can be realized: low investment costs, high flexibility and shorter set-up times of SUT are combined with durable stainless-steel components, guaranteeing the highest level of automation and process safety, integrity and reproducibility. This presentation will detail: 1) How current assemblies can be customized and interconnected with highly sophisticated cross-functionality from a mechanical and automation perspective; 2) The advantages of next level single-use systems from recent case studies, which will show how dance floor concepts improve process clarity and ergonomics, operator safety and simplify maintenance and 3) Supplier agnostic concepts showing how a stainless steel backbone can handle generic single use bioreactors and other single-use assemblies to optimize facility design and layout.

Continue to next page for speaker biographies...

SPEAKER BIOGRAPHIES:

**Check back as we add more speaker information **

Keith Beattie, Director, Energy Efficiency Consultancy Ltd (EECO2)



Keith is a chartered engineer and chartered energy manager with over 18 years experience in the pharmaceutical industry in lead roles including facilities management, engineering maintenance and manufacturing/operations. He and his team help clients apply best practice and

innovation to reduce energy/water costs and maintain or improve safety and quality compliance. As a leading practitioner in his field, Keith is also a member of ISPEs global HVAC Sustainability Steering Group and ISO TC209 committee responsible for ISO14644 (Cleanrooms and associated controlled environments) contributing to the development of standards, training and code of practice guidelines in the discipline.

William Deckert, Global Consult, CAI



Bill has more than 35 years of experience in assisting owners with the development of clean compliant facilities for companies around the globe. He has proven ability to develop the C&Q plans, Quality oversight and has extensive experience in scheduling, risk

assessments, data communication and delivery of resources to meet the client's expectations.

Bill's unique combination of technical knowledge for designing, building and qualifying manufacturing facilities, and the technical process knowledge for today's leading edge manufacturing facilities, allows him to assist clients in every aspect of their regulatory and capital improvement programs. He has worked extensively with sterile fill suites, grassroots sites, renovations of existing facilities, onsite operations, clean compliant manufacturing and containment. Bill is excellent in a team environment and possesses strong leadership capabilities. His long history of successful projects is attributed to his depth of knowledge of personnel, products and industry subcontractors/vendors & consultants.

John Hitsos, PE, CxA, Commissioning Manager, Jacobs



John Histos, PE, CxA has a Bachelor of Engineering, Electrical (BEEE) from Cooper Union, NYC. John has been a Cx Manager for Jacobs for the last 10 years. He is a registered Professional Engineer and certified commissioning authority. John has 42 years experience in design, construction, and testing, over 25 years in

commissioning, startup, construction & field engineering, and 20 years managing multi-discipline projects. Projects and industries include: Pharmaceutical/Biotech Facilities; Health Care Projects; Military Installations; Water/Waste Treatment

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Facilities; Hotels, Commercial Office Buildings; Government Building; Schools; and Fossil, Cogeneration, Nuclear, Simple Cycle, and Combined Cycle Plants. Special projects include: the World Trade Center Transportation Hub & the SuperConducting Super Collider.

John Kerwin, PhD, Director, Viral Vector Process Development, Resilience



John Kerwin is currently the Director of Viral Vector Process Development at Resilience. His group is developing innovative tools and technologies to enable a wave of next generation gene therapies. Previously, John was at Biogen, leading Gene Therapy Manufacturing Sciences, where he was

responsible for late-stage process development and process validation for ocular and CNS-directed gene therapies. He also spent time running a vector and Mab core facility at the University of Maryland and developing live TB and vectorized Malaria vaccines at the AERAS Global TB Vaccine Foundation. John holds a PhD in Chemical Engineering from the University of Maryland.

Chelsea Kuranda, Senior System Designer, Cytiva



Chelsea Kuranda is a Senior System Designer at Cytiva. *Full biography coming soon*...

Gilad Langer, Manufacturing Practice Lead, Tulip



Dr. Langer is an accomplished business leader with 25+ years of experience in IT, automation and engineering services delivery, technical operations, business development and sales. He has deep domain expertise in Digital Technologies and Manufacturing Business Systems (IIoT, Big Data, AI, MES, MI, PLM, OMS, DCS, & SCADA). He has an

accomplished track record of Digital Transformation to drive high levels of operational performance in manufacturing industries with a specific focus in the regulated Life Sciences industries (pharma, biotech, & med device). He has also served as trusted adviser and business consultant in the areas of technology directions, industry strategy, and software implementations. His focus and passion is next generation (Pharma 4.0) digital technologies and IIoT for manufacturing.

Charlie Maher, Sr. Director of Capital Projects, Validation & Operational Readiness, Resilience



Charlie serves as the Project Director for the design, construction, qualification and startup of Resilience's viral vector manufacturing facility in Marlborough, MA. He is also the business process owner for commissioning, qualification and validation and for operational readiness across the Resilience network

of manufacturing facilities. Before joining Resilience, Charlie served as the Global Director of Process and Manufacturing Technology at CAI where he enabled life science firms achieve ambitious goals for manufacturing pharmaceutical and biopharmaceutical products. Earlier in his career, Charlie served in the submarine force of the United States Navy where he commanded a nuclear-powered submarine and was the Chief of Staff of the Naval Undersea Warfare Center, the Navy's R&D facility for undersea weapon systems.

Toni Manzano, Co-Founder & CSO, Aizon



Toni Manzano is co-founder and CSO of Aizon, a cloud company that provides big data and AI SaaS platform for the Biotech and Pharma industry. Since 1996 he has led software projects for

international pharmaceutical companies covering the entire production process and supply chain (R&D, clinical trials, production, laboratory, quality assurance, warehousing and logistics). In pharma manufacturing he was specifically dedicated to biotech processes, always improving critical operations. He has also led projects implementing solutions based on the 3 ICH (Q8, Q9 and Q10) and executing audit, qualification and validation tasks. Toni is in the scientific committee of the PDA Europe supporting annual events for the innovation and technology in pharma. He worked as a researcher at the University of Barcelona as physicist and he teaches Big Data and Artificial Intelligence subjects related with the Pharma Industry in specific postgraduate courses at the University (UAB). He has written numerous articles in the Pharma field and holds a dozen international patents related to the encryption, transmission, storage and processing of large volumes of data for regulated environments in the cloud. Toni is Physicist, Master in Information and Knowledge Society and post graduated in quality systems for manufacturing and research pharmaceutical processes.

Martin Mayer, Head of Business Development, ZETA GmbH



Martin Mayer is member of the Steering Commitee for the Plug & Produce activities within the ISPE Pharma 4.0 program. During his career a wide variety of senior roles from business development, research and

development responsibility to general management, with more than 15 years experience. At ZETA he is responsible for business development in the field of Smart Engineering Services and Digitalization Manzano is co-founder and CSO of Aizon, a cloud company that provides big data and AI SaaS platform for the Biotech and Pharma industry. Since 1996 he has led software projects for international pharmaceutical companies covering.

Pietro Perrone, P.E., Automatic Process Engineer, Cytiva



Pietro is an Automation Process Engineer at GE Healthcare. He is a Professional Engineer registered in Massachusetts with degrees in Chemical Engineering from Tufts University and in Biomedical Engineering and Biotechnology from the University of Massachusetts. Pietro has more than 20 years of purification/separation technology

experience in process development/optimization, equipment scale-up, and project management. His experience has focused in the design, automation and operation of filtration systems (NFF, TFF, cassettes, hollow fiber, spiral, tubular), bioreactors, and chromatography unit operations based on conventional stainless-steel equipment and single-use technology. Pietro chaired the Disposables Community of Practice and is currently on its steering committee. Pietro led the development and writing of the Good Practice Guide to Single-Use Technology published in 2018.

Elizabeth Rivera, Technical Services Manager, STERIS



Elizabeth Rivera is a technical service manager for the Scientific Division of STERIS Corporation (Mentor, Ohio). Currently, she provides technical assistance in the areas of selection of detergents, disinfectants and sterilization assurance products including the application and use of these in the

pharmaceutical, biopharmaceutical, cosmetics, medical devices, dietary supplements and related industries. In addition, she offers conferences and exhibits on educational technical forums such as IPA, Interphex, ExpoFYBI, ETIF, PDA, ISPE, Expofarma, Pharma Expo, Executive Conference and more. Also, she has published articles related to cleaning and microbial control. She has a bachelors and masters degree in Chemical Engineering from the University of Puerto Rico. Elizabeth has over 15 years of experience and travels to places in North America, Latin America and elsewhere to support customers in various aspects of cleaning and decontamination. Previously, she held positions at companies such as BMS and Eli Lilly. She has extensive experience in cleanup of active pharmaceutical programs. She has worked in the preparation, implementation and support of cleaning processes including protocols, validation, qualification of spray devices, master plans, standard operational procedures, training staff, and post-construction cleaning. Other industrial experiences include qualification of equipment, process validation, batch records, investigation of discrepancies, and corrective and preventive actions, according to good manufacturing practices (GMP) for pharmaceutical industries.

Lindsay Smart, Managing Director, ZETA US Inc.



Lindsay Smart is the head of ZETA's US subsidiary, their first legal entity outside of Europe and also has responsibility for the UK and Ireland territories. Lindsay holds an applied biology honors

degree and has over 25 years' commercial and technical experience with pharmaceutical and biotechnology industry, the last 7 of which have been primarily focused on the bioprocessing and biomanufacturing arenas. As part of ZETA's global expansion strategy, Lindsay is tasked with integrating and facilitating the start-up of ZETA's US facility – based in Doylestown, PA – to ensure local, in-market engineering and project management support is available locally to their clients.

Michelle Vuolo, Quality Practice Lead, Tulip



Michelle currently leads the Quality Practice at Tulip Interfaces, Inc, who develops and sells a frontline operations platform where manufacturers of many industries can build digital content to manage their operations. Before joining Tulip Michelle spent over 24 years in the

biopharmaceutical and medical device industries in many different roles ranging from QC laboratory, engineering technical support, Quality Assurance management and Computerized Systems Compliance. Michelle has a strong understanding of the needs of the life sciences industry and is now motivated and driven to evolve stagnant ways of meeting compliance requirements, especially as it relates to the 4.0 world. "My main mission is to stay current in our ever changing world. Staying current means to be outwardly active, remain open to evolution, and seek efficient, effective means to meeting needs in new ways.

Steve Wisniewski, Principal Consultant, CAI



Steven Wisniewski is Principal Consultant for CAI. Steve has more than 35 years experience in the pharmaceutical, biotech, and device industries. Steve has served in manufacturing facility and corporate senior management roles at Sterling Drug and Bausch & Lomb. He has completed a wide variety of pharmaceutical manufacturing,

filling and critical support operations to major R&D laboratories, facilities and upgrades. He holds a BSME from Rensselaer Polytechnic Institute and is an active Member of ISPE. He served on the ISPE board of directors and was chairman of the board in 1991. Wisniewski served four years as chairman of the ISPE Community of Practice for C&Q and was on the ISPE task team that developed the ASTM E2500 Verification Standard. In addition, he served as a leader of the Task Teams that produced the ISPE Guidance documents in support of QRM based C&Q in 2011, and is lead author on the Task Team for the recently issued he 2nd Edition Baseline Guide 5, C&Q addressing application of QRM to C&Q. He is an instructor for ISPE training courses on C&Q and was on the Team that developed the PDA TR for Application of QRM to Facilities, Systems, and Equipment.

MEETING MANAGERS:

Howard Sneider, Avecia Catherine Stone, Skanska Michael Bogan, ICQ Consultants

REGISTRATION FEES:

Members	\$30
Young Professional Members	\$25
Student Members	FREE
Nonmembers	\$60

LOG-ON INFORMATION:

Attendees will receive an email with information on how to access the conference Homebase system. From there, you'll be able to watch on-demand content and join the live Q+A sessions via Zoom at the click of a button. You'll also be able to browse our virtual exhibit hall and connect with our sponsors, as well as virtually network with other attendees. Questions? Contact the office at (781) 647-4773 or <u>office@ispeboston.org</u>. Please note that it is recommended you access the conference Homebase system from a desktop or laptop computer, rather than a mobile device.

****PLEASE NOTE: CANCELLATIONS RECEIVED AFTER April 12, 2021 ARE SUBJECT TO BILLING****

REGISTRATION IS NOW OPEN ONLINE!

Please complete the online registration at <u>www.ISPEBoston.org/Events</u>. Pay by credit card OR check.

Virtual Spring Conference Live Q+A Session Schedule

	Monday 4/19	Tuesday 4/20	Wednesday 4/21	Thursday 4/22	Friday 4/23
8:00 am					
8:30 am	Martin Mayer Q+A				Toni Manzano Q+A Session on <i>3 Examples</i>
9:00 am	Twin	Elizabeth Rivera Q+A Session on <i>Stage 3</i> Maintenance of a		Steve Wisniewski Q+A Session on 2nd Edition	Performance in Bio- Pharma Using AI
9:30 am		Cleaning Validation Program		Baseline Guide for QRM C&Q	
10:00 am	Gilad Langer & Michelle Vuolo Q+A Session on Digitize Batch Records		Bill Deckert Q+A Session on A Programmatic Approach To Utilizing		
10:30 am	with Pharma 4.0 Technology		Your Existing Infrastructure to Achieve Speed to Market	Keith Beattie Q+A Session on <i>Cleanroom</i> <i>Cost, Quality &</i>	
11:00 am				Environmental Sustainability	
11;30 am	Charlie Maher & John Kerwin Q+A Session on Quality by Design (ObD)				
12:00 pm	in the Era of Cell and Gene Therapy		Women in Pharma® (WIP) Committee presents Spring Stretch		Ethnocultural Diversity, Equity & Inclusion Committee presents
12:30 pm			Yoga Event (FREE for Spring Conf Attendees)		Lunchtime Networking Social (FREE)
1:00 pm	Lindsay Smart Q+A Session on <i>Single-Use vs</i> Stainless Steel: Are				
1:30 pm	Hybrid Facilities The Best of Both Worlds?	John Hitsos Q+A Session on Integration & Interdependence of			
2:00 pm		Factory Acceptance Testing, Start-up + Commissioning	Pietro Perrone Q+A Session on Advanced Automation for the		
2:30 pm			Flexible Manufacture of Therapeutics		
3:00 pm					
3:30 pm					
	COLOR KEY:	ign Track	CQV Track	Automation Track	Free Networking

ACCESS INSTRUCTIONS: All registered attendees received a "Welcome" email to the Spring Conference Homebase system. Follow the instructions in that email or go direct to <u>https://homebase.map-dynamics.com/ispespring2021/</u> to login to the system. Navigate to "Schedule", find the event you'd like to attend, and click the "Join Now" button at the time of the live event. This will put you directly into the Zoom room!

Please contact office@ispeboston.org or 781-647-4773 with any questions.



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