SEPTEMBER 04 – 06, 2023

LTSS2023

LAB TRANSFORMATION SEASONAL SCHOOL

FROM BENCH TO BYTES:

Embracing Digital Transformation in the Laboratory

3-DAY LIVE VIRTUAL EVENT PROSPECTUS

LabVine™

LTSS2023 THE LABORATORY TRANSFORMATION SEASONAL SCHOOL

LabVine™

Welcome to LTSS 2023

The LabVine annual Laboratory Transformation Seasonal School (LTSS) is a must-attend virtual event for laboratory professionals and senior executives. This 3-day event features world-renowned speakers and subject matter experts and is internationally recognized for its comprehensive and forward-looking content.

The theme for this year's event is "FROM BENCH TO BYTES: Embracing Digital Transformation in the Laboratory". Don't miss this unparalleled opportunity to be part of the digital revolution transforming the laboratory industry. We will delve into emerging technologies, intelligent connectivity, and the implementation of digital solutions.

The annual LTSS promises an exhilarating and immersive experience that will leave you inspired, informed, and equipped to revolutionize your laboratory practices. Register now and be part of this ground-breaking event that will shape the future of laboratories worldwide.

*Daily sessions **start at 13:00 UTC** and **end at 16:00 UTC.***

*Daily sessions will **consist of three 1-hour slots**, each covering a different topic based on the day's theme.*

*A **different speaker** will present each slot.*

*Knowledge sharing and transfer will happen through **interactive,** facilitated sessions delivered **virtually.***

*This is an **international** sponsored event and is **free of charge.***

We have included an overview of the course content and provisional program. Delegates can look forward to the below educational benefits and outcomes:

- ✓ Gain valuable insights
- ✓ Accredited Certificate of Attendance
- ✓ 9 contact hours accredited by PACE
- ✓ Free LabVine Membership

Good luck and enjoy the program.

Wilhelm Boshoff
Founder & Managing Director at LabVine Learning

AMERICAN SOCIETY FOR CLINICAL LABORATORY SCIENCE P.A.C.E. JAN 1, 2023-DEC 31, 2023

LTSS2023 THE LABORATORY TRANSFORMATION SEASONAL SCHOOL

Event Speakers' Topics and Abstracts

DAY 1: The Rise of Digitalization: Opportunities and Challenges in the Digital Laboratory

SP1

Changing the Way We Work: Addressing User Resistance in Laboratory Digitalization Projects

By Jana Erjavec, PhD

Chief Commercial Officer at BioSistemika d.o.o.

Dr. Jana Erjavec explores the challenges of user resistance in laboratory digitalization projects and suggests strategies to overcome them. Laboratory digitalization involves integrating digital tools, devices, and IT infrastructure to improve data management, automation, and collaboration. However, user resistance often hinders successful implementation.

She will highlight the need to understand the unique dynamics of laboratory digitalization projects and identifies common reasons for user resistance, such as concerns about workflow disruption, technological competence, and job displacement. To address these concerns, organizations must develop tailored strategies.

Practical approaches to tackling user resistance are discussed, including fostering open communication, providing comprehensive training and support, involving end-users in project design and implementation, and showcasing benefits through pilot projects and success stories.

Real-life case studies in laboratory settings are examined to demonstrate effective management of user resistance and the positive outcomes achieved, such as streamlined workflows, improved data accuracy and accessibility, and increased productivity.

In conclusion, the abstract emphasizes the importance of addressing user resistance in laboratory digitalization projects. By understanding the unique challenges and implementing targeted strategies, laboratories can overcome resistance, promote user acceptance, and fully leverage digitalization for enhanced efficiency and scientific advancements.

SP2

The Right Not to Know: A Discussion of Key Literature

By Candice De Carvalho

Director of Medical Ethics at Easy Ethics CPD

An interesting question that has enjoyed renewed attention in recent years, is whether a patient has a moral obligation to know, or a right not to know, the results of a genetic diagnostic or screening test. From an ethics point of view, this right has been debated as recently as 2020, with a feature article in the Journal of Medical Ethics by Ben Davis, as well as a response to this article in the same edition from John Harris.

In the Declaration on the Human Genome, UNESCO states that every person has a right not to know the outcome of genetic tests. However, this right is debated and challenged in the literature.

Event Speakers' Topics and Abstracts

DAY 1: The Rise of Digitalization: Opportunities and Challenges in the Digital Laboratory

Some of the moral issues relating to the use of genetic knowledge are in personal decision-making and what obligations, if any, individuals have to each other.

Ethics theories, such as deontology, virtue ethics, utilitarianism, and rights theory, are briefly discussed and applied. Appeals on both sides of the argument are contrasted and discussed.

SP3

Artificial Intelligence (AI) in Pathology

By Aleksandra Żuraw, DVM, PhD, DACVP

Toxicologic Pathologist at Charles River Laboratories | CEO at Digital Pathology Place

Artificial Intelligence (AI) is transforming the field of pathology, opening new avenues for disease diagnosis and management. This topic encompasses the foundational principles of AI, its applications in pathology, and its integration within the digital pathology laboratory workflow.

Beginning with an overview of AI, the complexities of this powerful technology are broken down, from its underpinning concepts to essential terminologies. The significant role of AI in pathology is then highlighted, focusing on how AI algorithms assist in disease detection, classification, and monitoring. The potential for AI to augment pathologists' capabilities is discussed, showcasing how AI can lead to improved efficiency, accuracy, and patient outcomes.

The discussion then centers on integrating AI within the digital pathology laboratory workflow. Various stages of the workflow, from slide scanning and image analysis to reporting, are evaluated, identifying where AI-driven tools can streamline processes. The potential of AI in automating and standardizing image analysis is highlighted, illustrating how it can potentially reduce errors and increase diagnostic speed.

This topic provides a comprehensive exploration of AI's transformative potential in pathology, offering an understanding of the challenges and opportunities this innovative technology brings. It caters to a diverse audience, from medical professionals seeking to leverage AI in their practices to researchers and technologists interested in the intersection of AI and healthcare.

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Event Speakers' Topics and Abstracts

DAY 2

The Power of Integration: Building a Connected Laboratory

SP1

Digital Pathology Will Enhance Lab Medicine

By Esther Abels

CEO at SolarisRTC

In these years of Digital Health, in which Digital Pathology is a crucial element, we recognize that Lab Medicine is growing and taking a central and prominent role in Personal Healthcare. Lab Medicine is the expert in testing, discovering new ways of working, creating new insights in tests, interpreting tests, and guiding the treating physician on possible additional testing, reflex tests, next steps, and how to interpret tests. Yet, Digital Pathology adoption is slower than anticipated. Bringing innovation and emerging products to patients can be considered a “maze” involving many stakeholders, all with different thinking and goals using different methods. Instead of the typical linear approach, the solution is to have a vision, a holistic view, and a systemic approach using regulatory science to work collectively with a cohesive value story. It’s no longer one size fits all in patient management, but it is one size fits all methodology for enabling precision medicine. When we identify one size fits all methodology, we accelerate precision medicine. If we know how the systems work, and where the data comes from, we can decide how to use, implement, and apply it. During this presentation, Esther will bring insights into how it's all interwoven and connected and how regulatory science is center to that. This will drive insights & optimization in lab medicine.

SP2

POCT: The Way Forward Using Emerging Technologies and Intelligent Connectivity

By Theresa (Terry) van Jaarsveld MT(HPCSA)CP,SH

POCT & Pre-Analytics Consultant at POCT Africa

Point of Care Testing (POCT) is one of the fastest-growing aspects of Clinical Laboratory testing. There's an estimated growth of 10-12% p.a. and, in some areas of South Africa, up to 30%. In 2021 the POCT global diagnostics market was valued at USD 46.65 million. Thus, one can understand the critical need to keep pace with the latest trends and developments in the Healthcare Industry. Up to 72% of patients' diagnosis and resultant treatment and care is based on laboratory results and findings, including results from POCT. Best practices should be constantly reviewed and implemented, including the standardization, integration, and automation of POCT for continuous improvement processes. Risk to patient care should be continuously assessed throughout the POCT process as per ISO 15189 (2022). Emerging technologies in the diagnostic markets assist users in overcoming some of the limitations and challenges experienced when performing POCT and recording the results obtained. The purpose of POCT is to improve patient outcomes through delivering quality care and reducing therapeutic turnaround times by supplying physicians with immediate information related to the patient's condition. There must, however, be a clinical need before a POCT service can be implemented, and it should be cost-effective and improve patient outcomes. Processes to minimize errors, improve TATS, streamline result reporting, monitoring of QC/ device maintenance/operator management and competency/ regulatory compliance/ inventory control/ traceability/ data management and audit information can be demonstrated by introducing connectivity to POCT services. There are prescribed standards for POCT

Event Speakers' Topics and Abstracts

DAY 2

The Power of Integration: Building a Connected Laboratory

connectivity, CLSI POCT1-A2(2nd Edition), that were developed for manufacturers of POCT devices. AI technology easily analyses information collected from these devices, which assists in decision-making in personalized patient management. Emerging technologies and Intelligent connectivity enhance the quality of POCT and are essential components of digitalization in the laboratory and patient care.

SP3

Lab Networks for Agnostic Connectivity

By Steve Box and

Global Business Development Director at X-Lab

SP4

Karim Premji

Pathology IT Systems Manager at Nottingham University Hospitals NHS Trust

In an ideal world, laboratory systems will "plug and play" and be interoperable with all the information systems that they must distribute results to. The reality is that the cost of interfacing with all the information systems to which laboratories must report test results is prohibitive. There is a law of diminishing returns on Laboratory Information System (LIS) interfacing based on commercial value and volume that almost certainly means every laboratory has manual processes subject to human error.

The presentation sets out to demonstrate an alternative to "one-by-one" LIS interfacing. In the UK and, more recently, in the Republic of Ireland and the United States, hub and spoke models have been deployed by Labgnostic. The Lab Network serves as a digital enabler by connecting all laboratories to a digital hub easing the challenge of interfacing. The network also drives other third parties to partake to connect to laboratories at scale, including, but not limited to:

- Private clinics / direct-to-consumer businesses
- Screening services
- Public health reporting services
- External Quality Assurance / Proficiency Testing

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Event Speakers' Topics and Abstracts

DAY 3: From Good to Great: Driving Continuous Improvement in the Laboratory

SP1

Fundamentals of Implementing a Laboratory Information Management System in a Regulated Environment

By Jeanette Young

Director: Quality and Regulatory Compliance at Young Regulatory Solutions

Laboratory Information Management Systems (LIMS) are crucial for managing laboratory data and processes in regulated environments. Implementing a LIMS involves selecting suitable software, conducting installation qualifications, and performing validation to ensure its fitness for use.

Selecting the right LIMS software is vital for efficient laboratory operations. Factors to consider include functionality, compatibility, regulatory compliance, user interface, scalability, and vendor support. Evaluating these factors helps organizations choose a LIMS that meets their specific needs and regulatory requirements.

Installation qualifications (IQ) verify proper software installation and configuration. This process ensures alignment with predefined specifications and compatibility with the laboratory's hardware, network, and operating systems. It involves reviewing documentation, conducting system tests, and documenting any deviations or corrective actions.

Validation is then conducted to ensure the LIMS performs as intended and meets regulatory requirements. This includes functional and performance testing, data integrity verification, security assessments, and compliance with industry standards like Good Laboratory Practices (GLP) or Good Manufacturing Practices (GMP). Successful validation instills confidence in the LIMS' accuracy, reliability, and compliance.

Validation protocols should be well-defined, including test cases, acceptance criteria, and documentation of results. Data migration, staff training, and change management processes are also integral to the validation process.

In conclusion, implementing a LIMS in regulated environments requires careful software selection, thorough installation qualifications, and comprehensive validation. Following these steps ensures a LIMS is compliant, enhances data management, and improves operational efficiency. Effective LIMS implementation promotes quality, data integrity, regulatory compliance, and better scientific outcomes.

SP2

Laboratory Performance Framework - Why Is It Important? How Does It Work? What Are the Benefits?

By Fred Klören

Managing Consultant at LTS Health

Fred will be focusing on laboratory performance improvement. Many common problems in laboratory operations stem from misconceptions about lab performance. That's why we are excited to touch on

Event Speakers' Topics and Abstracts

DAY 3: From Good to Great: Driving Continuous Improvement in the Laboratory

the most common laboratory challenges during this webinar. We will address misconceptions and provide you with practical solutions to improve laboratory performance. The topics covered in the presentation include measuring success, selecting meaningful metrics (Key Performance Indicators), leveraging the power of a Laboratory Information Management System (LIMS) to transform data into KPIs, maximizing the value of collected data for informed decision-making, analyzing and improving turnaround time using data insights, effective evaluation of laboratory performance, streamlining processes for improved efficiency, communication of KPIs across the organization, and building a strong performance framework for sustained success. By delving into these areas, the webinar seeks to equip participants with the necessary knowledge and strategies to optimize laboratory performance, streamline operations, and drive better outcomes.

SP3

A Problem That Can Be Solved ONLY Through Digital Transformation

By Zoe C. Brooks

Co-Founder and CEO at AWEsome Numbers Inc.

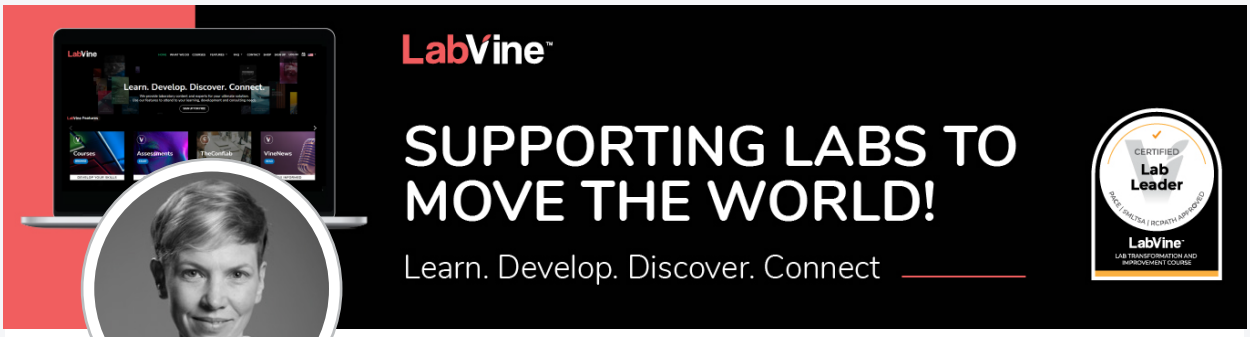
Over the past three decades, significant advancements have been made in best practices for quality/risk management. However, the implementation of these practices has not kept pace with the recommendations. Astonishingly, fundamental knowledge from 25 years ago remains largely unimplemented in current practices.

This workshop offers you a unique opportunity to test your QC knowledge using questions from an AACC course titled "Quality Control in Six Simple Steps" taught a quarter-century ago. By exploring the concept that "if we're all doing QC differently, we can't all be doing it right," we delve into the challenges faced by educators who have strived to teach and enable best practices. Despite offering published courses, textbooks, a decade of teaching at Rutgers University, and numerous presentations, the complexity of effective statistical quality control seems impossible within existing educational programs for laboratory professionals.

Through innovative software algorithms, we have the opportunity to upgrade existing statistical quality control processes into validated and effective clinical risk management strategies. The benefits of this transformation include improved patient health outcomes, reduced healthcare costs, and the elimination of opportunities for litigation.

We will explore the possibilities and advantages of replacing the current assortment of QC processes with data-driven decision-making to manage acceptable clinical risk and cost. Through compelling case studies, we will highlight the potential harm to patients and associated healthcare costs resulting from laboratory errors under current practices. By comparing these outcomes with those achieved through digital decision-making, we aim to shed light on the transformative power of technology. With the aid of cutting-edge software solutions and seamless integrations facilitated by digital transformation, we can go beyond traditional statistical indicators, enabling professionals to interpret risk levels, identify probable risk sources, receive recommended actions, and utilize AI-driven comparisons between traditional approaches and new methodologies.

Your Organizer and Host



Hanine van Deventer

Chief Executive Officer

As a professional engineer for 16 years, Hanine managed numerous multidisciplinary projects. With a keen focus on systems and procedures, she managed performance-driven projects. She embraces change as an opportunity to succeed. With that mentality, she has often been put in the lead in implementing new or improved systems.

Since 2020 she has been applying her experience to LabVine, where she continues to manage excellence and attend to optimally support laboratories through training and collaboration initiatives.

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https://www.linkedin.com/in/hanine-van-deventer-944a0b84/

Experience

Chief Executive Officer
LabVine
Mar 2020 - Present · 2 yrs 5 mos

Business Developer
Power of Process
Mar 2020 - Present · 2 yrs 5 mos

Professional Engineer
AECOM
Mar 2008 - Mar 2020 · 12 yrs 1 mo

Speaker Bios

DAY 1

Dr. Jana Erjavec, PhD

Chief Commercial Officer at BioSistemika d.o.o.

Dr. Jana Erjavec holds a Ph.D. in Biotechnology. She has ten years of experience in life science and diagnostics laboratory work and has received numerous awards for her contribution and achievements, including an award for an exceptional Ph.D. thesis.

For the past nine years, she has worked in the laboratory software space as a Partner and Chief Commercial Officer at BioSistemika, a company that joins the experts in life sciences and software engineers. She contributed to some of the company's most successful products and software development projects, including the development of SciNote – Open source electronic lab notebook.

She published numerous articles on laboratory digitalization and co-edited a book Digital Transformation of the Laboratory: A Practical Guide to the Connected Lab. She held many lectures internationally on laboratory digitalization, transformation, and sustainability. Her passion is laboratory digitalization and new software product development. She believes that advanced software tools play a significant role in advancing science and diagnostics.

Date: September 04, 2023
Time: 13:10-14:00 UTC
Topic: Changing the Way We Work: Addressing User Resistance in Laboratory Digitalization Projects

VIEW ON LINKEDIN *https://www.linkedin.com/in/jana-erjavec/*

Candice De Carvalho

Director of Medical Ethics at Easy Ethics CPD

As the creator of new technology-focused ethics CPD training services, Candice has a passion for binging the relevance of ethics to life through applications to novel cutting-edge technologies in medicine.

Easy Ethics CPD focuses not only on ethics theory but also on AI, Machine Learning, Wearables, Bots, and any other new technologies that interface with both the healthcare provider and the patient. The focus of her training services is where medical ethics and new technologies intersect. As the co-founder and director of Phatic Communications, a consultancy based in Johannesburg, Candice has a wealth of experience in digital strategy and training, and mentoring.

Date: September 04, 2023
Time: 14:10-15:00 UTC
Topic: The Right Not to Know: A Discussion of Key Literature

VIEW ON LINKEDIN *https://www.linkedin.com/in/candiceleedecarvalho/*

Speaker Bios

Aleksandra Żuraw, DVM, PhD, DACVP

Toxicologic Pathologist at Charles River Laboratories
CEO at Digital Pathology Place

Dr. Aleksandra Zuraw, a distinguished DVM and Ph.D. in veterinary pathology, presently serves as a toxicologic pathologist at Charles River Laboratories and CEO of Digital Pathology Place - a web platform dedicated to digital pathology. As an active member of the Digital Pathology Association, Society of Toxicologic Pathology, and American College of Veterinary Pathologists, her expertise in digital pathology, image analysis, and AI is widely recognized. After her veterinary training in Poland and Germany, her enthusiasm for digital pathology sparked, leading her to create the influential Digital Pathology Place website. Globally, she is considered a leading figure in toxicologic pathology and has worked with international pharmaceutical companies on tissue biomarker discovery in immuno-oncology. Her co-authored publications validate her status as a thought leader in the digital pathology domain.

Date: September 04, 2023
Time: 15:10-16:00 UTC
Topic: Artificial Intelligence (AI) in Pathology

VIEW ON LINKEDIN *https://www.linkedin.com/in/aleksandra-zuraw-dvm-phd-dacvp/*

DAY 2

Esther Abels

CEO at SolarisRTC

After being a management team and C suite member responsible for contributing to the overall business strategy and building up PharmaServices, Esther started her own global advisory company, SolarisRTC, based in Boston, in 2023. She challenges the status quo to accelerate bringing innovative, emerging products to patients globally by sharing her Regulatory, Clinical, Quality, IVD, and Pharma knowledge gained over the last 25 years. She drives efforts for clarifying regulatory paths and reimbursement in Digital Pathology by collaborating with different Pathology Associations, Health Care Providers, Governments, and Payers.

In 2022 she was the president of the Digital Pathology Association (DPA), chaired its Regulatory and Standards Taskforce, and co-founded the Pathology Innovation Collaborative Community (PIcc).

Date: September 05, 2023
Time: 13:10 - 14:00 UTC
Topic: Digital Pathology Will Enhance Lab Medicine

VIEW ON LINKEDIN *https://www.linkedin.com/in/esther-abels-2481641a/*

Speaker Bios

Theresa (Terry) van Jaarsveld MT(HPCSA) CP,SH

POCT & Pre-Analytics Consultant at POCT Africa

Medical Lab Technologist: HPCSA MT: CP, SH. N Dipl Clinical Pathology; N Dipl (Specials) Hematology; N Higher Diploma. Currently self-employed as POCT, Pre-Analytical, and Phlebotomy Consultant. Practiced as Med Technologist for over 45 years nationally and internationally in Clin Path laboratories. A longstanding member of SMLTSA and serving on their EXCO. Instrumental in planning, implementing, and managing POCT services nationally and internationally. Development of a training plan for POCT users and managers and development and implementation of ongoing competency checks and education in POCT usage. Managed steering committee for standardization, integration, and automation of POCT services at Tawam Hospital and Danat Al Emarat, Abu Dhabi, UAE. In charge of Pre-Analytics and assistant POCT Manager at SKMC Abu Dhabi, UAE. Passionate interest in bringing about regulation to POCT services in South Africa.

Date: September 05, 2022
Time: 14:10 - 15:00 UTC
Topic: POCT: The Way Forward Using Emerging Technologies and Intelligent Connectivity

VIEW ON LINKEDIN *https://www.linkedin.com/in/terry-van-jaarsveld-24657934/*

Steve Box

Global Business Development Director at X-Lab

Steve is Global Business Development Director at X-Lab, where he has worked for over 9 years. He graduated with a BSc (Hons) in Computing for Medical and Health Sciences. During his degree, he completed an internship for Pathology Associates Medical Laboratories in the United States, completing research for the UK Department of Health comparing UK and US Labs IT workflows.

Following his degree, Steve worked in management consultancy for 5 years in the health sector, delivering process management change in diagnostics. When Steve joined X-Lab, he was responsible for a business development strategy to connect all UK National Health Services laboratories to the National Pathology Exchange (now called Labgnostic). After driving uptake to more than 80% of the UK NHS Laboratories, Steve took a global role in taking the laboratory exchange concept to multiple countries.

Date: September 05, 2023
Time: 15:10 - 16:00 UTC
Topic: Lab Networks for Agnostic Connectivity

VIEW ON LINKEDIN *https://www.linkedin.com/in/stevebox/*

Speaker Bios

Karim Premji

Pathology IT Systems Manager at Nottingham University Hospitals NHS Trust

A graduate of both Sheffield Hallam University and Nottingham Trent University, I spent my formative years working for Information Systems @ Nottingham Trent University. During this time, I gained my Microsoft accreditation and ventured into the teaching arena. I joined Nottingham University Hospitals NHS Trust (NUH) in 2008 as a Pathology IT Systems Manager for City Hospital and QMC.

The past fourteen years as Pathology IT Systems Manager have been challenging, to say the least; the steep learning curve of pathology and the introduction to the NHS have certainly left their mark! I am currently engaged in a Laboratory Information Systems migration project due for delivery in September 2023 and driving integration of pathology and genomics within the local Laboratory network.

Date: September 05, 2022
Time: 15:10 - 16:00 UTC
Topic: Lab Networks for Agnostic Connectivity

VIEW ON LINKEDIN *https://www.linkedin.com/in/karim-premji-a415b3a9/*

Speaker Bios

DAY 3

Jeanette Young

Director: Quality and Regulatory Compliance at Young Regulatory Solutions

Jeanette Young began her career as a Medical Technologist at NHLS Tygerberg Hospital, Immunology laboratory, where she gained valuable hands-on experience and developed a deep understanding of laboratory operations and quality control processes. Jeanette joined Synexa Life Sciences as LIMS administrator, later transitioning to Quality Manager, and eventually serving as Global Head of Quality Management for 14 years. Jeanette played a pivotal role in growing the Good Clinical Laboratory Practice (GCLP) Quality Management System across all sites, including locations in South Africa, Berlin, and London. Her expertise and leadership ensured compliance with regulatory requirements, streamlined operations, and consistently high-quality standards. She played a crucial role in assisting LabSPACE Africa in achieving ISO 17025 accreditation. Recently, Jeanette embarked on a new entrepreneurial venture, establishing her own consultancy business, Young Regulatory Solutions, providing valuable guidance and expertise to organizations in navigating regulatory frameworks, developing robust quality management systems, and achieving accreditation. Jeanette's dedication to quality and regulatory excellence is further demonstrated by her role as a SANAS (South African National Accreditation System) assessor for ISO 15189 since 2009.

Date: September 06, 2023
Time: 13:10-14:00 UTC
Topic: **Fundamentals of Implementing a Laboratory Information Management System in a Regulated Environment**

VIEW ON LINKEDIN *https://www.linkedin.com/in/jeanette-young-1319bb11/*

Fred Klören

Managing Consultant at LTS Health

As a Managing consultant, I'm responsible for project management as well as the management and training of a team of industrial engineers working on different projects, building lasting relationships with senior management, partners, and vendors engaging with clients in the manufacturing industry. Determine the needs and design production processes that meet requirements to ensure client satisfaction while maintaining a sustainable sales pipeline.

Extensive experience in operations improvement, post-merger consolidation, and information systems integration for hospital and independent laboratories as well as laboratory strengthening of public health systems.

Date: September 06, 2023
Time: 14:10-15:00 UTC
Topic: **Laboratory Performance Framework - Why Is It Important? How Does It Work? What Are the Benefits?**

VIEW ON LINKEDIN *https://www.linkedin.com/in/fred-kloren-91668963/*

Speaker Bios

Zoe C. Brooks

Co-Founder, CEO at AWEsome Numbers Inc.

Zoe Brooks is an expert in Medical Laboratory Risk Management who served on the committee to create CLSI EP 23A, “Laboratory Quality Control based on Risk Management. A recipient of the AACC Outstanding Speaker Award, she delights involving the audience in presentations and ‘seeing the lights go on.’ Zoe has dedicated her career to making a difference in the world with a NEW risk management process and software program that improves patient care and reduces healthcare costs by reducing laboratory errors.

Date: September 06, 2023
Time: 15:10-16:00 UTC
Topic: **A Problem That Can Be Solved ONLY Through Digital Transformation**

VIEW ON LINKEDIN *https://www.linkedin.com/in/zoe-brooks-morequality/*

LTSS2023

THE LABORATORY TRANSFORMATION SEASONAL SCHOOL

Program Outline
September 04 - 06, 2023

TIME (UTC)	MONDAY THE RISE OF DIGITALIZATION: OPPORTUNITIES AND CHALLENGES IN THE DIGITAL LABORATORY	TUESDAY THE POWER OF INTEGRATION: BUILDING A CONNECTED LABORATORY	WEDNESDAY FROM GOOD TO GREAT: DRIVING CONTINUOUS IMPROVEMENT IN THE LABORATORY
13:00 - 13:10	DAILY OPENING	DAILY OPENING	DAILY OPENING
13:10 - 14:00	**Changing the Way We Work: Addressing User Resistance in Laboratory Digitalization Projects** By Dr. Jana Erjavec, PhD	**Digital Pathology Will Enhance Lab Medicine** By Esther Abels	**Fundamentals of Implementing a Laboratory Information Management System in a Regulated Environment** By Jeanette Young
14:00 - 14:10	BREAK	BREAK	BREAK
14:10 - 15:00	**The Right Not to Know: A Discussion of Key Literature** By Candice De Carvalho	**POCT: The Way Forward Using Emerging Technologies and Intelligent Connectivity** By Theresa (Terry) van Jaarsveld MT(HPCSA) CP,SH	**Laboratory Performance Framework - Why Is It Important? How Does It Work? What Are the Benefits?** By Fred Klören
15:00 - 15:10	BREAK	BREAK	BREAK
15:10 - 16:00	**Artificial Intelligence (AI) in Pathology** By Aleksandra Zuraw, DVM, PhD, DACVP	**Lab Networks for Agnostic Connectivity** By Steve Box and Karim Premji	**A Problem That Can Be Solved ONLY Through Digital Transformation** By Zoe C. Brooks
16:00 - 16:10	REFLECTION AND CLOSURE	REFLECTION AND CLOSURE	REFLECTION AND CLOSURE

** This program is subject to change without prior notice.*

LTSS 2023 is an international sponsored event, and attendance is free of charge. Delegates attending the entire event will receive a Certificate of Attendance. Contact us for more information.

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POWER *of* PROCESS

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Date: September 04-06, 2023
Time: 13:00 – 16:00 UTC Daily
Duration: 3 Days
Hosted By: LabVine
Location: Virtual Zoom Event

Attend, Present or become a **Sponsor** at the LTSS 2023.

FREE Registration

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