

AGENDA Day 1 - Online

9:00 - 9:10 H

Welcome

SPEAKERS



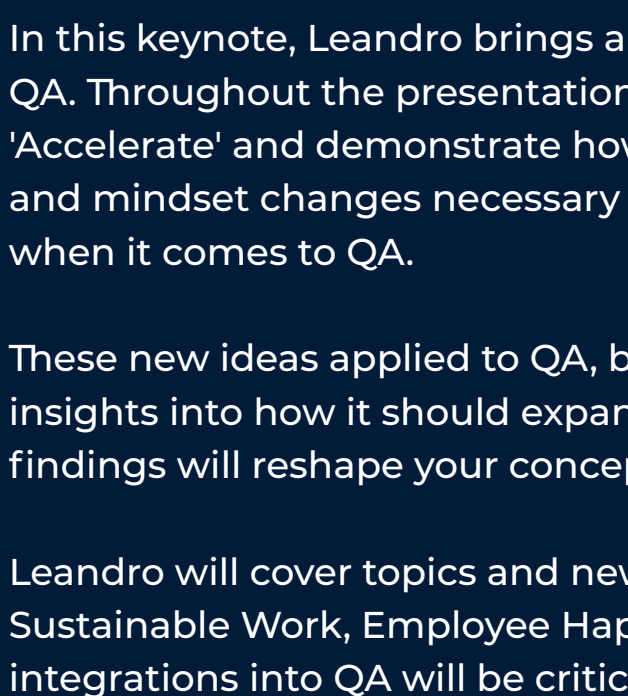
Federico Toledo
Mauricio Rojas

LANGUAGE

ES

9:10 - 9:55 H

Keynote



Accelerating QA

SPEAKER

Leandro Melendez

LANGUAGE

ES

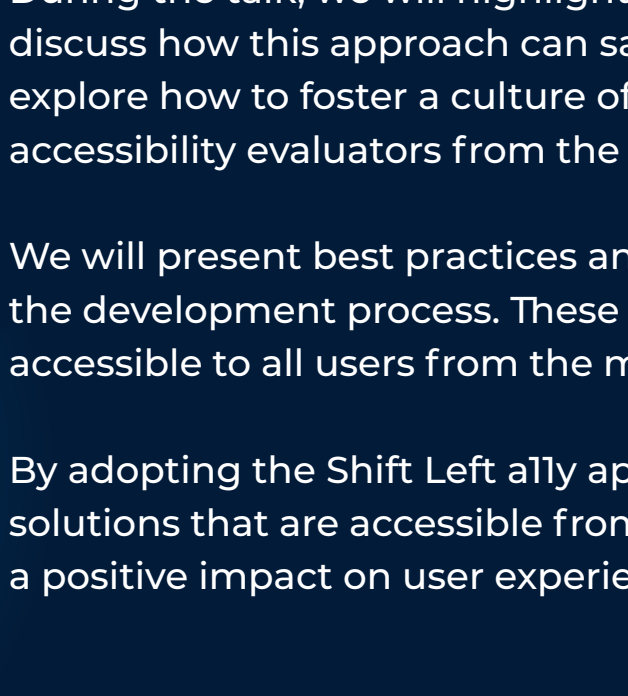
In this keynote, Leandro brings a significant adaptation of modern and mind-blowing topics to apply in the field of QA. Throughout the presentation, he will follow the guidelines and findings from the studies presented in the book 'Accelerate' and demonstrate how to adapt them to QA. Leandro will guide you through the definitions, attitudes, and mindset changes necessary to ensure that your organizations excel and thrive with a bright future, especially when it comes to QA.

These new ideas applied to QA, brought from other areas, will change your perspective on QA and provide many insights into how it should expand to other areas within organizations. On the other hand, this knowledge of the findings will reshape your concepts around QA.

Leandro will cover topics and new QA knowledge, such as Time to Release, Time to Remediate, Cultural Leadership, Sustainable Work, Employee Happiness, and many more. The application of all these definitions and their integrations into QA will be critical indicators not only of a successful company but also of those that grow exponentially in wealth, impact, and the happiness of their employees and customers.

9:55 - 10:25 H

Session



Shift Left ally: Moving Accessibility to the Left

SPEAKER

Lisandra Armas

LANGUAGE

ES

Accessibility is a critical issue today to ensure that all individuals with disabilities can access and effectively use websites and applications. However, it is often treated as a secondary aspect in the development process, leading to subpar and costly solutions.

In this talk titled 'Shift Left ally: Moving Accessibility to the Left,' we will explore a revolutionary approach to address accessibility from the early stages of the software development lifecycle. Following the 'Shift Left' principle, we propose integrating accessibility as a central element in all phases of the development process, from design to implementation and testing.

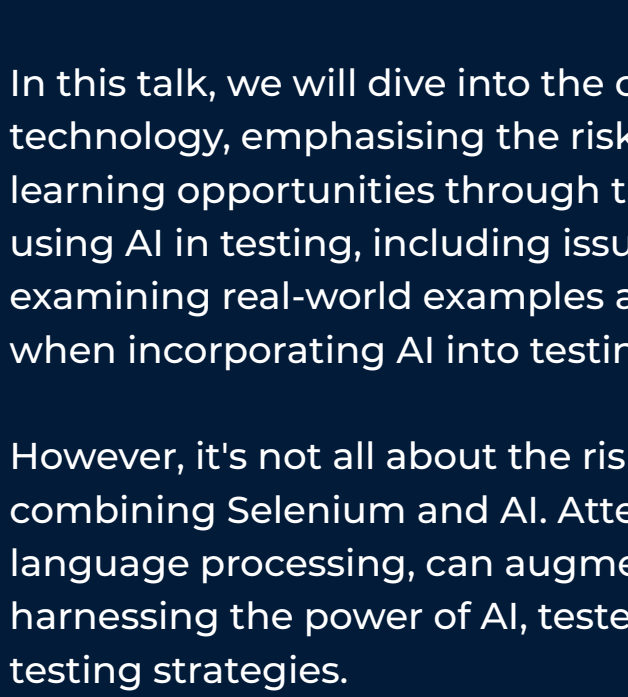
During the talk, we will highlight the benefits and advantages of adopting the Shift Left ally approach. We will discuss how this approach can save time and resources by avoiding late and costly fixes. Furthermore, we will explore how to foster a culture of accessibility in development teams by involving designers, developers, and accessibility evaluators from the project's inception.

We will present best practices and available tools to facilitate the incorporation of accessibility in the early stages of the development process. These tools and approaches will help ensure that applications and websites are accessible to all users from the moment they are launched, rather than as an afterthought.

By adopting the Shift Left ally approach, we can create an inclusive development environment and build digital solutions that are accessible from the outset. Join this talk to discover how moving accessibility to the left can have a positive impact on user experience and digital inclusion.

10:25 - 10:55 H

Sponsored Session



IoT with AI: The Path of Testers in Game Development

SPEAKER

Giuliana Bentancor

LANGUAGE

ES

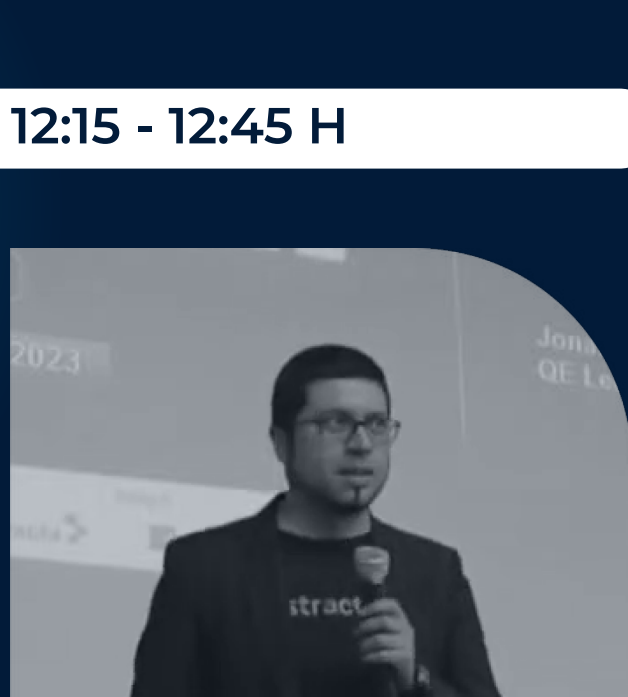
Step into a world where classic board games meet modern AI. From the perspective of a tester's lens, discover how we incorporated Large Language Models (LLMs) to elevate traditional gameplay. As part of this journey, we will dive into the challenges faced and the victories achieved. Whether you're a gamer, a tester, or just AI-curious, you'll enjoy this fresh take on blending the old with the new.

10:55 - 11:05 H

Break

11:05 - 11:45 H

Session



Leveraging Selenium and AI for Enhanced Testing and Learning

SPEAKER

Diego Molina

WITH

Q&A

LANGUAGE

ES

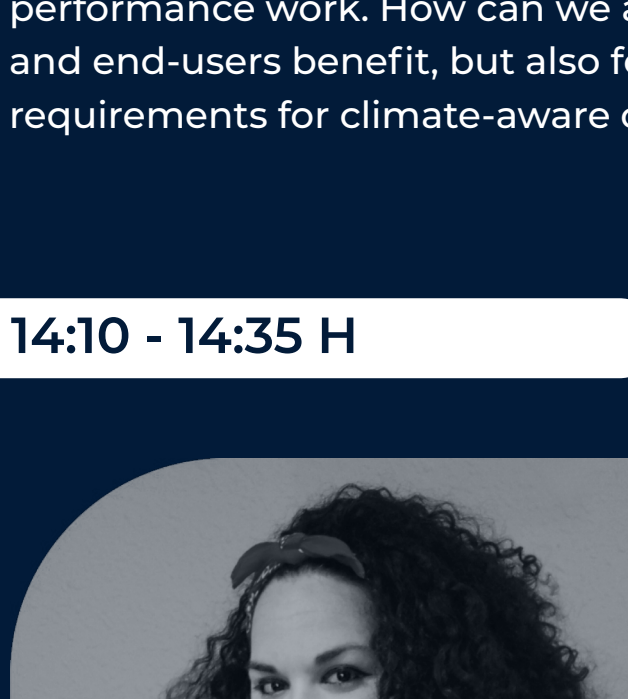
In this talk, we will dive into the convergence of Selenium, a widely adopted web automation framework, with AI technology, emphasising the risks associated with leveraging AI in testing processes while uncovering valuable learning opportunities through the synergy of these tools. We will explore the potential pitfalls and challenges of using AI in testing, including issues such as bias, interpretability, and overreliance on AI-driven decisions. By examining real-world examples and case studies, we aim to raise awareness about the potential risks that arise when incorporating AI into testing methodologies.

However, it's not all about the risks. We will also focus on the transformative learning opportunities that arise from combining Selenium and AI. Attendees will discover how AI technologies, such as machine learning and natural language processing, can augment Selenium's capabilities, leading to more efficient and effective testing. By harnessing the power of AI, testers can enhance test case generation, uncover hidden defects, and optimise their testing strategies.

Through this talk, participants will gain a deeper understanding of the risks associated with AI implementation in testing, empowering them to make informed decisions and adopt appropriate mitigation strategies. Additionally, they will learn how to harness the potential of AI to expand their testing capabilities and cultivate continuous learning within their testing practices. Join us to explore the delicate balance between risk and opportunity when incorporating AI into Selenium-based testing frameworks.

11:45 - 12:15 H

Session



Exploring the Depths: Software Quality in the World of Life Science and Biopharma

SPEAKER

Laura Fraschini

LANGUAGE

ES

Imagine a world where software quality intertwines with life itself. In this talk, I will take you on a journey through the unique and exciting challenges of ensuring quality in the field of Life Science and Biopharma. We will explore how technological solutions are essential to meeting rigorous regulations and how software becomes a critical pillar for patient safety and data integrity. We will discover how the intersection of biology and technology challenges us to rethink conventional quality approaches and embrace innovation.

12:15 - 12:45 H

Session



Good QA Leadership Practices

SPEAKER

Jonathan Guajardo

LANGUAGE

ES

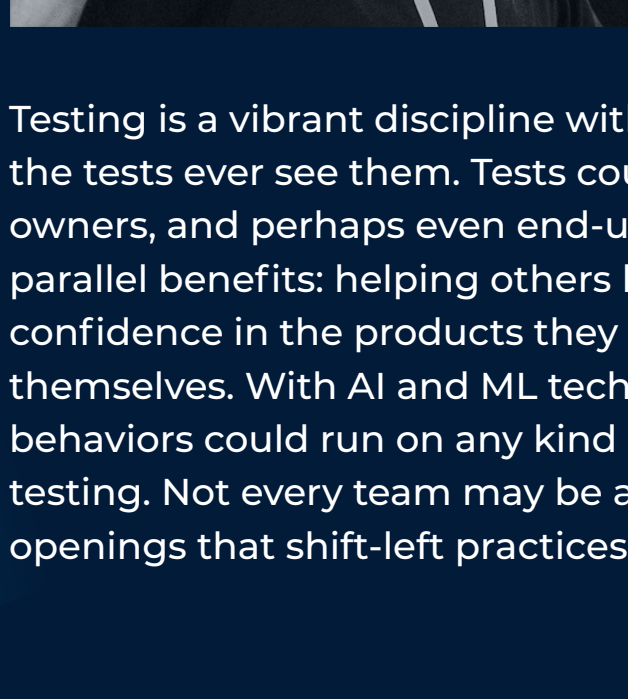
Best practices in leadership within the Quality Assurance field encompass a wide range of aspects, from the simplest to the most complex, related to what it means to be an effective leader. Some crucial elements, such as communication, correct methodological application, and people management, play a fundamental role in facilitating and empowering work teams, bringing them closer to their transformation into high-performance teams.

12:45 - 13:25 H

Break

13:25 - 14:10 H

Keynote



Performance is Everywhere

SPEAKER

Mark Tomlinson

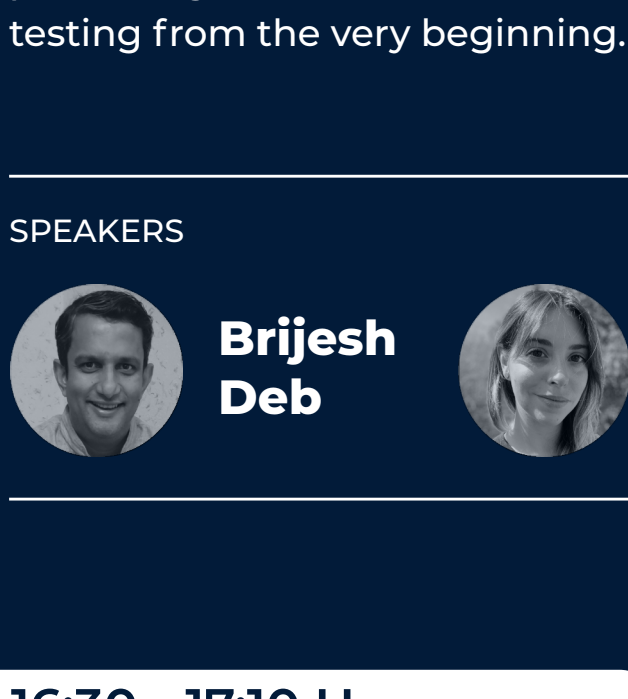
LANGUAGE

EN

What if our work in performance testing included more than just response time, throughput, resources and bottlenecks? What if we expanded our definition of performance to be more valuable to ourselves and our companies? More thoughtful about the purpose for our applications and systems? This talk will review the constraints of our current work as performance testers and engineers. And then ask: why would it be more beneficial to expand our awareness of performance? We'll discuss the benefits of an expanded awareness in our performance work. How can we add new performance test cases that include benefits for not only our company and end-users benefit, but also for our own selves, our community, our industry and more. How we might include requirements for climate-aware computing and suggest techniques to adapt our performance test definitions.

14:10 - 14:35 H

Session



The Future of QA with Artificial Intelligence: How to Implement AI in the QA Process

SPEAKER

Yoshie Garcés Rodríguez

LANGUAGE

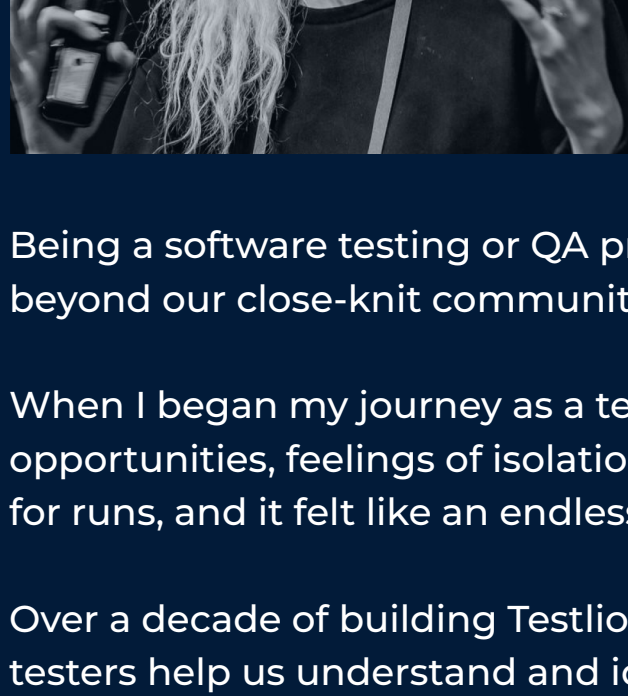
ES

Artificial intelligence is revolutionizing the field of Quality Assurance (QA), and we can harness this technology to enhance the quality of the software we deliver. From automatically generating test cases to intelligent automation throughout the QA lifecycle, we will learn how AI can optimize our practices and deliver exceptional results. Historically, manual testing has been fundamental in QA, but it faces challenges in terms of speed and coverage. This is where artificial intelligence (AI) emerges as a revolutionary solution. AI in QA provides numerous benefits, including increased efficiency, improved software quality, and scalability for complex projects. As AI continues to evolve, its role in QA is expected to grow, offering opportunities to optimize and ensure software quality. QA professionals must stay updated to maximize the benefits of AI and address the ethical and technical challenges that may arise along the way. Artificial intelligence is positioned as a disruptive force driving the future of QA, enhancing the industry, and transforming the way software testing is conducted.

In conclusion, the talk empowers the audience to embrace the transformative power of artificial intelligence in QA and lead the way toward a future of more efficient, accurate, and high-quality software development. By effectively implementing AI in the QA process, organizations can improve the quality of their products, increase customer satisfaction, and stay at the forefront in an increasingly digital and technological world.

14:35 - 15:05 H

Sponsored Session



AI and Self-Repair Transforming Test Automation

SPEAKER

Israel Garate

LANGUAGE

ES

Test automation aims to expedite the certification processes, ensuring that previously validated functionalities continue to operate correctly after the deployment of new components. However, a recurring challenge that automation teams must face is when applications undergo changes in their visual appearance or 'look and feel'. Despite being subtle, these changes can have a significant impact on scripts, diverting the projected time for asset generation to maintenance activities.

This is where self-healing, powered by Artificial Intelligence (AI), comes into play. Healenium is a pioneering tool that uses AI to auto-correct test scripts, specifically adapting to changes in the look and feel without manual intervention. In this talk, we want to share our experience in adapting Healenium to enhance and expand its original capabilities, redefining the efficiency in regression testing automation.

In this way, technical dependence is reduced, minimizing the time and effort that automation teams must invest in maintaining and updating test cases for each aesthetic modification. This benefit not only accelerates the certification processes but also allows teams to focus on creating and developing new automation assets.

15:05 - 15:35 H

Session

Open Testing: What If We Opened Our Testing Like We Open Our Source?

SPEAKER

Andrew Knight

LANGUAGE

EN

Testing is a vibrant discipline with well-established practices, but many times, nobody but the testers who write the tests ever see them. Tests could offer so much value if they were openly shared—with developers, product owners, and perhaps even end-users. So, why don't we open our tests like we open our source? There are so many parallel benefits: helping others learn, helping teams develop higher-quality software, and helping users gain confidence in the products they use. Opening tests includes sharing the tools, frameworks, and even test cases themselves. With AI and ML technologies, we could even build a future where generic open tests for common behaviors could run on any kind of app. In this keynote, we will look at ways a team could be more open about testing. Not every team may be able to publicly publish their tests, but any team could still benefit from the openings that shift-left practices can bring. Open Testing could be revolutionary. Let's make it a reality!

15:35 - 15:45 H

Break

15:45 - 16:30 H

Panel

Navigating your first job as a tester

LANGUAGE

EN

This panel will focus on providing guidance and practical advice for those who are taking their first steps in the field of software testing. The panel features diverse perspectives, from individuals with extensive experience to those in their early years, each sharing what was important in their performance and in growing effectively. Valuable advice will be offered for overcoming impostor syndrome, valuing previous experiences from other industries, mentoring new testers, leveraging networking, and developing key skills. Participants will receive practical guidance to build a strong foundation in their careers, boosting their success in the field of software testing from the very beginning.

SPEAKERS

Brijesh Deb

Gabriela Pirez

Valentina Tortarolo

HOST

Federico Toledo

16:30 - 17:10 H

Session

ETL Testing and Its Automation with Python

SPEAKER

Patricio Miner

WITH

Q&A

LANGUAGE

ES

The world is increasingly data-driven, which is why it's crucial to ensure the accuracy, integrity, and efficiency of the Extraction, Transformation, and Load (ETL) processes. In this talk, titled 'ETL Testing and Its Automation with Python,' we will explore best practices and advanced techniques for testing and automating ETL processes, a niche in the software market that testers often overlook and is gaining more importance.

17:10 - 17:50 H

Keynote

Testing with Purpose: How Stories, Values and Kindness Make Testing Better

SPEAKER

Kristel Krustük

LANGUAGE

EN

Being a software testing or QA professional isn't always glamorous or easy. Our impact often goes unnoticed beyond our close-knit community, even though it affects billions of people in our increasingly digital world.

When I began my journey as a tester, I faced challenges common to every tester: bug-based pay, limited learning opportunities, feelings of isolation, and a lack of team spirit. I would sit and test, waking up early to get onboarded for runs, and it felt like an endless cycle without a clear purpose.

Over a decade of building Testlio, I've learned that stories, values, and kindness can transform our work. Stories of testers help us understand and identify gaps in the experiences and fulfillment people encounter in testing. It's crucial to recognize that individuals have multifaceted lives and needs beyond their roles as testers and should be treated with kindness and empathy.

Values are critical in any workplace but priceless in an environment as disjointed and widespread as software testing. Testers and development teams can work with trust and a sense of purpose when aligned around a shared set of values.

Together, stories, kindness and values can help us build Purposeful Testing. In my talk, I'll explore real-world examples and share stories from real people to illustrate how testing with purpose, as controversial as it may seem, has the potential to benefit the entire software testing community.

17:50 - 18:00 H

Closing

SPEAKERS

Federico Toledo
Mauricio Rojas

LANGUAGE

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