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expo QA 25

in #expo:QA

**THE MEETING POINT
FOR SOFTWARE TESTING
AND QUALITY ENGINEERING
PROFESSIONALS IN
SPAIN AND EUROPE**

MADRID 2025, MAY 20th, 21st and 22nd

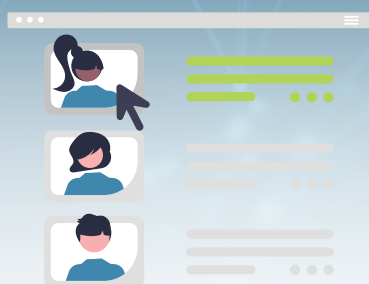


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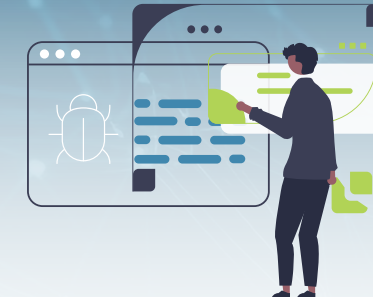
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By
[nexo qa](https://nexoqa.com)

INDEX

Schedule · Workshops 20th May	5
Schedule · Talks & Master Classes 21st May	6
Schedule · Talks & Master Classes 22nd May	8
Sponsors	10
Keynotes 21st May	12
Keynotes 22nd May	14
Talks & Master Classes 21st May	16
Game Show	27
Talks & Master Classes 22nd May	28
Cultural Evening	38
Networking Dinner	38
expo:QA Challenge	39
Prizes & Awards Ceremony	39
expo:QA Training	40
Exhibition Floor Plan	42

WHO ORGANISES expo:QA?



NEXO QA has been organising expo:QA since 2004 and has grown side-by-side the Software Testing community. We are proud to be still contributing to our community with 26 years of expo:QA.

NEXO QA is a leader in professional Software Testing training and we are proud to have trained most of the testing community.

We provide testing services and QA consulting services to help companies gain a new level of quality. For more information on what we do, come visit us at our nextest stand or check us out on the web: nexoqa.com



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08:00 - 09:00

BADGE COLLECTION

Track 1



FULL-DAY WORKSHOP

09:00 - 13:00

Part1: Rapid Software Testing Focused: Automation
Michael Bolton

Test Automation

Track 2



HALF-DAY WORKSHOP

AI-Augmented Testing: Edge Gen AI, Prompt Threading, and Beyond GraphRAC
Jonathon Wright

AI Testing

Track 3



HALF-DAY WORKSHOP

Quality Engineering Gamified: Learn Through Play
Emna Ayadi

Agile Testing

11:00 - 11:30

COFFEE BREAK SPONSORED BY NEXTTEST.IO



13:00-14:00

LUNCH SPONSORED BY NEXTTEST.IO



FULL-DAY WORKSHOP

14:00 - 18:00

Part2: Rapid Software Testing Focused: Automation
Michael Bolton

Test Automation



HALF-DAY WORKSHOP

Key Concepts for Scalability in K8s
Almudena Vivanco

QAOps Performance



HALF-DAY WORKSHOP

Roll the Marbles! Not Only Good Architecture Helps us to Test Better!
Ard Kramer and Alex Cusmaru

Test Strategy & Teams

16:00-16:30

COFFEE BREAK SPONSORED BY NEXTTEST.IO



20:00 - 22:00

CULTURAL EVENING

	Track 1 MAIN TRACK TALK	Track 2 MAIN TRACK TALK	Track 3 SPONSOR TRACK TALK	Track 4 SPONSOR TRACK TALK
08:00 - 09:00	Badge Collection			
09:00 - 09:30	Everything ready? · Let's kick-off the conference! Graham Moran, Event Organiser			
09:30 - 09:45	expo:QA'25 Opening · Let's discuss the program a little Rick Tracy			
09:45 - 10:35	★ KEYNOTE TALK: Bright Future or Dark Age: Why Testers Matter Michael Bolton 🇬🇧🇪🇸			
10:35 - 11:05	Coffee Break sponsored by sogeti			
11:05 - 11:50	AI is not a goddess that we can trust Ard Kramer AI Testing General Level 🇬🇧🇪🇸	Taming Testing of AI apps Alex Soto AI Testing Advanced Level 🇬🇧🇪🇸	How to Accelerate Your Test Data – Custom TDM Strategies Josep-Robert Mallafré Torra Test Management & Strategy General Level 🇪🇸	Real World Data vs Fake Data: Finding the Best Fit for Testing Ana Victoria Rodríguez Test Data Management General Level 🇪🇸
12:00 - 12:45	Performance is happiness: Volume II Almudena Vivanco Performance Testing General Level 🇬🇧🇪🇸	AI-powered Test Automation: Building Bots in Playwright Marcel Veselka AI Testing General Level 🇬🇧🇪🇸	How Generative AI, Data-driven Testing and Chaos Engineering Are Reshaping QA Diogo Goncalves Candeias AI Testing General Level 🇪🇸	Transforming Quality Engineering through AI and Robotics Jorge Mayorga and Marco Arce AI Testing General Level 🇪🇸
12:45 - 14:15	Lunch sponsored by nextest.io			

	Track 1 MAIN TRACK TALK	Track 2 MAIN TRACK TALK	Track 3 SPONSOR TRACK TALK	Track 4 MASTERCLASS
14:15 - 15:05	★ KEYNOTE TALK: Agentic AI in Testing: Where Autonomous Meets Autonomy Jonathon Wright 			
15:15 - 16:00	Testing for Inclusion: The European Accessibility Act and the Future of Software Quality Joanna Falkowska Usability & Accessibility General Level 	The Evolution of The Why in Test Automation Irja Straus Test Automation General Level 	Chaos Testing vs Performance in Kubernetes Carlos Manuel González Mira Chaos Engineering & Testing General Level 	AI testing with chatGPT and Github Copilot Joaquín Suárez AI Testing Advanced Level 
16:00 - 16:30	Coffee Break sponsored by Alten 			
16:30 - 17:15	Green Testing: AI-Driven Strategies for Sustainable Testing Samer Naqvi AI Testing General Level 	E2E Tests for Web3 Applications Rafaela Azevedo Test Automation & Tools General Level 	Automation First Approach: How to deliver automatic regression test cases every sprint and shorten the testing timelines for your releases. Andrea Baccarin and Laura Rodríguez Test Automation General Level 	AI testing with chatGPT and Github Copilot Joaquín Suárez AI Testing Advanced Level 
17:25 - 18:25	Game Show. Have fun at the end of the day! Rick Tracy Sponsored by NTT DATA  			
20:00 - 23:00	Networking Dinner by NEXO QA 			
Tracks 3 and 4 are talks from our sponsors and did not go through the expo:QA call for speaker process				

Track 1
MAIN TRACK TALK

Track 2
MAIN TRACK TALK

Track 3
SPONSOR TRACK TALK

Track 4
SPONSOR TRACK TALK

08:30-09:30 Badge Collection

09:30 - 09:45 PROGRAM CHAIR OPENING
Rick Tracy

09:45 - 10:35 ★ KEYNOTE TALK: Evolution of test engineering role: Are you a farmer or a hunter?
Sowmya Sridharamurthy

10:35 - 11:05 Coffee Break sponsored by



11:05 - 11:50 RAMP up your testing solution: test automation patterns
Gáspár Nagy

Test Automation & Tools
General Level

Accelerating Time to Market through Innovative QA and Release Management: A Case Study from Space International
Nino Abramishvili

Test Management & Strategy
General Level

Orchestrating LLM Pipelines with Metamorphic Testing for QA Automation
Victor Saenger and Víctor Trujillo

AI Testing
Advanced Level

Breaking down Accessibility Barriers in the Digital World
Francisco Javier Montero and Beatriz Álvarez Lacasa

Usability & Accessibility
General Level

12:00 - 12:45 Learning to Lead Impactful Quality Initiatives
Andreea Cosariu

Test Management & Strategy
General Level

Test automation at scale with Robot Framework
Sander van Beek

Test Automation
General Level

Integrated management of the SDLC: quality, metrics, costs and performance
Ignacio Marín

Test Metrics
General Level

The AI Revolution in QA: Redefining Roles and Teams in Software Development
Pablo Pisa and José Urbano González

Test Management & Strategy
General Level

12:45 - 14:15 Lunch Break sponsored by



Track 1
MAIN TRACK TALK

Track 2
MAIN TRACK TALK

Track 3
MASTERCLASS

14:15 - 15:05 ★ KEYNOTE TALK: Cutting edge or Cutting corners? Let's bring ethics to the table
Lena Nyström

15:15 - 16:00 AI – The Good, The Bad and the Ugly
Emma Liliestam

AI Testing
General Level

Rethink and rebuild your testset; showcase your professionalism!
Suzanne Kraaij

Testers and Teams
General Level

Cybersecurity in Action! Testing for a Secure Digital Future
Sara Martínez Giner

Security Testing
Advanced Level

16:10 - 16:55 Dark Testing: anti-patterns and failure stories in testing
Szilard Szell

Agile Testing
General Level

New Challenges in Software Quality Brought by GenAI and LLMs
Federico Toledo

AI Testing
General Level

17:05 - 17:20 PRIZES & AWARDS
Graham Moran, Event Organiser

17:20 - 17:30 expo:QA'25 PROGRAM CHAIR CLOSING
Rick Tracy

Tracks 3 and 4 are talks from our sponsors and did not go through the expo:QA call for speaker process

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Part of the Capgemini Group, Sogeti makes business value through technology for organizations that need to implement innovation at speed and want a local partner with global scale. With a hands-on culture and close proximity to its clients, Sogeti implements solutions that will help organizations work faster, better, and smarter. By combining its agility and speed of implementation through a DevOps approach, Sogeti delivers innovative solutions in quality engineering, cloud and application development, all driven by AI, data and automation.

SOGETI SPAIN

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We are the quality engineering and testing division within NEXO QA and have been driving software testing for over 25 years. We are a nucleus within the quality engineering space, helping our clients gain a competitive edge in the marketplace through our QUALITY-FIRST APPROACH. Our approach is different and evolutionary, we implant quality right from the start of software development and bring it to a new level, helping our clients go from zero to one hundred. We prize ourselves on our modern methodology and our commitment to our clients.



NEXTEST.IO

nextest.io

icaria Technology helps enterprise companies take full control of their data, transforming manual processes into automated, intelligent workflows. Designed to understand the business data metamodel and architecture, icaria is the ideal choice for organizations managing complex software development, enabling seamless integrations, automated test data generation and secure data handling across platforms.



ICARIA

icariatechnology.com

We are a multinational company specialising in technology consulting services based in Tokyo, which continues to add territories in which to continue innovating through emerging technologies, with the aim of developing innovative projects that contribute to improving people's lives.



NTT DATA

es.nttdata.com

Within 30 years, ALTEN has become leader in both outsourced Engineering and R&D and IT Services with more than 57,700 employees in more than 30 countries. Our engineers carry out complex and highly technical projects throughout the value chain of the most prestigious companies in all sectors of industry, services and telecommunications.



ALTEN

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Minsait is Indra Group's leading digital transformation company, at the forefront of next-generation digitalization with advanced capabilities in AI, cloud, cybersecurity, and other transformative technologies. Through this, it drives business growth and delivers significant impact on society, thanks to a high-value digital services offering, tailored digital solutions, and strategic partnerships with the most relevant players in the market.



MINSAIT

minsait.com

Exceltic is a leading engineering and technology consulting firm committed to Quality Assurance (QA), placing excellence, innovation, and continuous improvement at its core. Our end-to-end QA approach ensures reliability, compliance, and client trust, covering every stage from requirements to delivery. We emphasize precision, rigorous validation, defect prevention, and attention to detail. Adaptable to each client's needs, our methodologies foster transparency, continuous feedback, and collaboration to swiftly resolve issues and mitigate risks. This focus has made Exceltic a strategic partner, empowering clients to innovate with confidence and achieve their goals through consistent, high-quality outcomes.



EXCELTIC

exceltic.com

We define, build and grow digital business value. Created in the 90s, SQLI Digital Experience is a European digital services company that defines, builds and grows the digital business value of international A-brands. We are technical and creative thinkers committed to delivering meaningful and engaging experiences by leveraging technologies, methodologies, skills and creativity to get closer to the customer or user and capture their attention. We design, develop and deploy solid and high-performing architectures that improve business agility, increase efficiencies and facilitate business growth. Together, we take you to the next level of digital.



SQLI

sqli.com

At Capitole, we transform challenges into innovative, tailored solutions. Our QA approach ensures excellence through comprehensive controls and exhaustive testing. By integrating GenAI and AI models, we optimize quality processes to enhance test coverage precision and achieve faster results. As a consultancy, we combine cutting-edge technology with a human touch, empowering talent and designing strategies that drive business growth and accelerate digital transformation. The synergy between AI and our professionals' expertise allows us to deliver personalized solutions that add value and make a difference. Let's shape the future together!



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capitole-consulting.com

We are a global company that facilitates the intelligent use of technology, helping our clients to expand their capabilities to achieve organisational agility and digital transformation. We provide a comprehensive value proposition with solutions, tools and indicators that enable the development of our clients' digital capabilities. +More than 1,500 professionals around the world work with our clients, seeking to understand their needs, with an empathetic and committed service attitude. We are driven by an innovative culture, with passion and commitment that helps us to continue to conquer our dream: 'To be the best company for our clients and our people'.



TSOFT

tsoftglobal.com

hiberus is a leading company in technology consulting and digital transformation, part of the Henneo group. With more than 3,300 professionals and an international presence, it offers specialised solutions in software development, artificial intelligence, cloud, cybersecurity, QA and automation. Its hyper-specialisation model, the development of its own products and a firm commitment to talent and innovation position it as a key strategic partner for companies and administrations seeking to accelerate their digitalisation with guaranteed quality and high impact.



HIBERUS

hiberus.com

Michael Bolton
DevelopSense
Canada



TRACK 1
09:45h - 10:35h May 21st
Bright Future or Dark Age: Why Testers Matter
Test Management & Strategy | General Level



Technology can reduce work, make people's lives easier, and eliminate human error. Or it can disempower us, mislead us, and destroy our data. Which is it? How will things go? We may have our hopes and fears for the products we build, but we don't have to settle for unwarranted beliefs and assumptions - we can get facts and hard evidence.

That's what testers are for science helps us learn about the way things work in the physical and social worlds, and testing does the same for software. Testing is to technology what science is to the wider world: a set of beliefs, principles, and practices that help us to get to truths about things.

A builder must be optimistic to make cool new things. Builders focus on the benefits of their creations. They must have a certain faith in their tools and tech stacks, because otherwise they would be overwhelmed and paralysed by the prospect of having to evaluate them. This presents an internal conflict, because effective testing requires a reversal of faith - anticipating failure instead of envisioning success. For a builder, successful testing means discovering problems, potential loss of face, accusations of incompetence or time-wasting, and the necessity of fixing the problems that have been found.

In this keynote with Michael Bolton, you'll see the way to resolve the conflict is having a dedicated tester: someone who has the time to test because they don't have to build; someone happy instead of embarrassed to find problems; someone with perspective at a distance from that of the builder.

What you'll learn

- The importance of having dedicated testers.

expo:QA Community Space

The community space is where you can meet the speakers in person and follow up with them on what they talked about during the event. There's lots going on there to help you network and meet fellow testers: sign up for the bug hunt, put your name down to participate in the game show, get some cool badges & stickers and mingle with fellow conference attendees. Check out how to get involved!

Catch up with speakers

After the talks, speakers are invited to go to the community space to answer questions and discuss their ideas. Attendees: if you want to discuss specific

challenges and help others: come and find answers and share your expertise!

Participate in the Bug Hunt

Throughout the conference, you'll find lots of little bugs hiding just waiting to be found. Use your ingenuity and try to spot them all. Take a picture of their hiding places and partake in our friendly competition who can spot the most bugs!

Get your stickers & badges

Decorate your badge, notebook or water bottle with some cool expo:QA stickers and complete challenges to earn your exclusive badges!

Jonathon Wright
Keysight
United Kingdom



TRACK 1
14:15h - 15:05h May 21st
Agentic AI in Testing: Where Autonomous Meets Autonomy
AI Testing | General Level



After hearing benefits Generative AI will bring to testing over the last few years, the AI paradigm is evolving to orchestrate complex multi-step processes within automation. The recent introduction of Agentic AI enables the design, thinking, and learning of large-scale, interconnected tasks that require adaptive decision-making and real-time adjustments, enhancing the capabilities of automation workflows. At the same time, organizations are grappling with the operational demands of legacy systems. The shift to dynamic runtime test automation, powered by next-generation technologies such as Large Action Models (xLAM) and Visualization of Thought (UFO), presents both opportunities and challenges. How can quality engineers strike the right balance between adopting cutting-edge solutions and maintaining enterprise-scale automation?

In this keynote, Jonathon will explore how test automation can thrive amidst these dual forces. Drawing on real-world R&D and practical implementations, we will delve into:

- AI-Augmented Testing with Agentic AI: Harnessing Agentic AI to enable adaptive, autonomous decision-making within test automation workflows. Learn how Agentic AI-driven systems can dynamically identify, prioritize, and execute test cases, reducing manual intervention and enhancing testing efficiency.
- Successes, Failures, and Lessons Learned: A candid look at organizations navigating the integration of Agentic AI and other emerging technologies, with real-world case studies showcasing the journey from experimentation to impactful results.
- Sustainable Automation: Balancing speed, scalability, and maintainability to future-proof your automation investments. Explore how Agentic AI fosters sustainability by continuously optimizing resources and refining testing processes in real time.

What you'll learn

- Gain actionable insights into implementing Agentic AI to drive improvements in performance, security, accessibility (EAA), and sustainability.
- Leveraging Generative AI to automate test design creation, generate enterprise open-source frameworks (such as Playwright and Robot Framework).
- Implement runtime anomaly detection

Sowmya Sridharamurthy
Kiwa
Netherlands



TRACK 1
09:45h - 10:35h May 22nd
Evolution of test engineering role: Are you a farmer or a hunter?
Testers and Teams | General Level



We humans are fascinating creatures. Our DNA is unique to each individual, yet there are common aspects shared across our genetic makeup. Similarly, every journey as a test engineer is both similar and different. Sowmya began her career in application development and testing in 2008, and since then, her journey has been quite interesting. Her bubbly personality and enthusiasm for meeting people and learning about their testing journeys led to a unique observation about how test engineers define their growth. Is growth solely about earnings? Is it about social media fame? Or is it about flashy titles? It's all of these, yet none of them entirely.

In this keynote, Sowmya will discuss two career strategies for test engineers: Farming and Hunting. She will address how test engineers should introspect and identify their career personality, then define their goals accordingly. Sowmya will also explore the impact of AI and the evolution of a test engineer's role in light of both career strategies.

What you'll learn

- Introspection and Career Personality.
- Navigating the Impact of AI in testing.
- Adapting to an Evolving Role.



3 DAYS
40 SESSIONS
41 SPEAKERS
45 COUNTRIES
190 COMPANIES

Lena Nyström
Tester Soft Skills
Sweden



TRACK 1
14:15h - 15:05h May 22nd
Cutting edge or Cutting corners? Let's bring ethics to the table
Tester Soft Skills | General Level



Delivering something new, better, faster than our competition can mean incredible payoff. But the risks are equally high. Maybe you wake up to your stocks being worth a fortune, or maybe you wake up to the 189 dead in a plane crash. I know. You are just a tester. It wasn't your decision to push that to production, a long chain of people likely made a number of decisions that led up to this. But how far can we claim our innocence? Do we let that potential risk slip by even if we know it might potentially cause someone to lose time, money, or even health? What are we, as individuals, responsible for and how much can we hide behind the chain of command?

When building software, we often talk about what is possible from a technical point of view, what a user would want and what would benefit the business. But what about the ethical and moral implications of a solution? Are we building cutting edge software or are we just cutting corners? And what does ethics and morals have to do with software testers. Let's explore the ethics of software development, focusing on quality in general and testing in particular. Let's find our red line and look at how to figure out what's actually the worst thing that could happen.

What you'll learn

- Explored your own moral values and reflected on how your work can be misused, by accident or by bad actors.
- You will have an idea of what to do if you become aware of an ethical or moral problem with something you are asked to do.

**THE MEETING POINT
FOR SOFTWARE
TESTING AND QUALITY
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PROFESSIONALS IN
SPAIN AND EUROPE**



Ard Kramer
OrangeCrest
Netherlands



TRACK 1
11:05h - 11:50h May 21st
AI is not a goddess that we can trust
AI Testing | General Level



Once a test colleague shared a memorable quote “in god we trust, the rest we test”. Besides embracing this quote, Ard discovered its relevance extends to software development where Artificial Intelligence (AI) is involved. Just for the simple reason that AI is made by men and therefore it is fallible. In the talk, Ard will reflect on a relevant case of AI implementations that underestimated the critical role of software testing together with a proper risk analysis.

A company failed to test an AI system for scanning driver’s licenses, leading to severe issues, including allowing invalid licenses. This highlights the importance of risk assessment and appropriate testing. Another case in the Netherlands exposed how biased data led AI to make unethical decisions, resulting in personal tragedies and requiring ongoing governmental corrections. These examples underscore the need for testers to address risks like biases, unclear algorithms, and ethical concerns in AI implementations. Ard will share practical approaches from these projects, emphasizing that testing must evolve with AI, requiring testers to adopt new skills and a holistic understanding of risks.

What you’ll learn

- For what reasons are risk assessments needed while using AI (based on real experiences).
- What are the angles (or heuristics) can be used to perform a risk assessment while dealing with AI implementations.
- How to set up a test- and quality approach with the outcome of the risk assessment Point of attention while executing the test- and quality approach.

Alex Soto
Red Hat
Spain



TRACK 2
11:05h - 11:50h May 21st
Taming Testing of AI apps
AI Testing | Advanced Level



As AI applications become increasingly integrated into critical applications, ensuring their reliability, safety, and fairness is more challenging than ever. Unlike traditional software, AI models are dynamic and data-driven and often behave unpredictably in real-world scenarios. This makes testing AI systems a complex endeavour that requires specialised approaches.

In this talk, you will explore the unique challenges of testing AI applications, such as handling probabilistic outputs, bias detection, model drift, and transparency in decision-making. You’ll also cover how to use AI to develop better tests or generate synthetic data to make tests more real than random data.

What you’ll learn

- Equip you with the essential skills to confidently tackle AI testing challenges and ensure robust, reliable AI solutions.

Josep-Robert Mallafré Torra
Sogeti
Spain



TRACK 3
11:05h - 11:50h May 21st
How to Accelerate Your Test Data – Custom TDM Strategies
Test Management & Strategy | General Level



Proper test data management processes have a clear impact on four axes: software quality, time-to-market, cost reduction, and security and regulatory compliance. Optimised TDM processes facilitate the detection of software defects, reduce the effort and time required to prepare test data, reduce the cost of infrastructure, reduce time-to-market and protect sensitive data and the company’s reputation. Defining a TDM transformation approach tailored to your company’s specific needs and characteristics is key to accelerating your implementation and getting the most out of it.

Implementing or improving TDM processes is always a challenge. Both technical and economic aspects must be taken into account before embarking on a TDM transformation to ensure the success of the project. Also, the specific characteristics of the business must be a determining factor when defining an appropriate strategy and deciding how to deploy and operate a technical solution. This talk will address what to consider when managing a budget, how to assess the need for a tool and how to select the most suitable tool, or how to design a customised operating model.

What you’ll learn

- Identify all the factors that need to be taken into account when defining a TDM transformation project.
- Identify all the benefits associated with optimised TDM processes.

Ana Victoria Rodríguez
icaria TDM,
Spain



TRACK 4
11:05h - 11:50h May 21st
Real World Data vs Fake Data: Finding the Best Fit for Testing
Test Data Management | General Level



Many organizations face the challenge of choosing between real data, which carries privacy and compliance risks, and synthetic data, which may lack realism. In this session, we will address how to overcome this issue by combining both data types to ensure secure and effective testing.

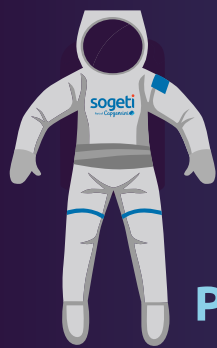
During the session, we will delve into synthetic or fake data and explore why its use can pose risks for organizations, from a lack of realism to challenges in complex scenarios. At the same time, we will highlight

El universo de la calidad con datos y GenAI

¡Despegamos! Embárcate a un viaje hacia el universo de la calidad, donde los datos, la IA generativa y la innovación transforman cada paso del recorrido.

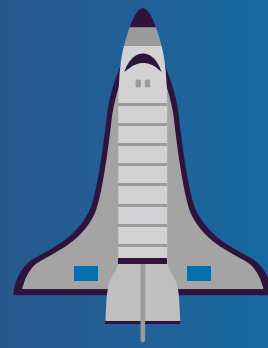
Consigue tu billete

El viaje comienza al conseguir tu pase en nuestro stand. Este billete te abre las puertas a tecnologías de vanguardia enfocadas a asegurar la calidad mediante soluciones impulsadas por Datos e Inteligencia Artificial Generativa.



Preparación del viaje

Antes del despegue, los tripulantes acceden a una zona de preparación, donde se exploran los fundamentos del análisis de datos y el potencial de GenAI en entornos reales. Aquí aprenderás como mejorar la accesibilidad a los datos y optimizar procesos a través de demos y casos reales para una calidad de otro universo.



Zona de despegue

En la zona de lanzamiento te esperan grandes aventuras: destruye los bugs y sortea diferentes obstáculos para llegar a tu destino: el espacio. Una vez en órbita, este universo revela infinitas posibilidades: desde la mejora continua en productos y servicios y la creación de experiencias personalizadas. El viaje solo acaba de empezar.

¿Estás listo?
¡Despegamos!



www.sogeti.es

the richness and value of real world data in delivering more comprehensive and reliable testing outcomes. We will share insights on when it's truly beneficial to use each type of data and introduce how our platform, icaria TDM, leverages the strengths of both to significantly enhance testing efficiency and effectiveness.

What you'll learn

- Evaluate and choose between real and synthetic data based on their testing needs.

- Acquire clear strategies to ensure more accurate and secure testing while discovering how icaria TDM seamlessly integrates both data types to significantly enhance efficiency in testing processes.

Almudena Vivanco
SCRM Lidl
International Hub
Spain



TRACK 1

12:00h - 12:45h May 21st

Performance is happiness: Volume II

Performance Testing | General Level



10 years ago Almudena was giving a talk called performance is happiness. It was an introduction to Web Performance, using a tool called WebPageTest. Now 10 years after that, more tools came across, and more technology. You will be checking the Core Web Vitals, that are a collection of metrics that indicates how user-friendly a website is based on its load time, visual stability and interactivity.

In this talk Almudena would like to introduce concepts such as Single Page Applications and when to use Client vs Server Side Rendering, based on test results that will use core web vitals metrics as key performance indicator. You will check these metrics with sitespeed.io and lighthouse, both open source tools. You'll analyze a page with an experimental extension in K6 called browser that will provide you with metrics like LCP or TTFB that will provide you insights of the user perception. With k6, you will be able to test both protocol and browser level.

What you'll learn

- Web technologies and web performance have evolved.

- Analyze a page in http and browser protocol at the same time.

**Do you trust your
test data?** —

You should.

Because without reliable data,
there's no reliable testing.



Discover if your test data is helping
- or hurting - your QA process.

Scan the QR
and take the test
Then stop by our stand
and claim your reward





Marcel Veselka
Wopee labs
Czech Republic

TRACK 2
12:00h - 12:45h May 21st
AI-powered Test Automation: Building Bots in Playwright
AI Testing | General Level

Over the past 20 years, software testing has transformed dramatically, moving from labor-intensive manual processes to sophisticated automation. However, the dream of truly autonomous testing has remained just out of reach. With AI advancements, especially in large language models (LLMs), that vision is now closer than ever. This session explores the evolution of test automation and the impact of AI-powered tools. By minimizing manual effort, this technology allows for seamless generation and maintenance of test cases, setting a new standard for efficiency and scalability in testing. The session offers a look into the future of AI-driven testing.

In this session, Marcel Veselka will dive into the capabilities of AI-driven test automation, specifically using the Playwright AI Bot. Attendees will learn how this tool leverages large language models (LLMs) to autonomously capture screenshots, and HTML and generate user stories that seamlessly transform into executable tests. Marcel will demonstrate the step-by-step process of setting up the Playwright AI Bot, showing how it minimizes manual work while maximizing test coverage and efficiency. By the end of the session, participants will understand how to integrate AI-powered tools into their existing frameworks, enhance testing scalability, and prepare for the testing future.

What you'll learn

- Leverage the Playwright AI Bot to automate test generation with minimal manual input, significantly enhancing your testing efficiency.
- Gain a practical understanding of how to use AI-driven tools to capture application data and convert it into actionable, automated test cases.
- Have an insights into integrating large language models (LLMs) to support scalable, autonomous testing, preparing you to future-proof your testing strategy in the rapidly evolving landscape of software quality assurance.



Diogo Goncalves Candeias
Exceltic
Spain

TRACK 3
12:00h - 12:45h May 21st
The QA Renaissance: How Generative AI, Data-driven Testing and Chaos Engineering Are Reshaping QA
AI Testing | General Level

Artificial Intelligence (AI) and Machine Learning (ML) are no longer experimental concepts in QA — they are becoming integral to how we build, validate, and sustain software quality at scale. Generative models can create tests autonomously, synthetic data can simulate user behavior with precision, and AI-enhanced observability can uncover failure signals long before they reach users.

This talk explores how modern QA teams are blending these advanced technologies with chaos engineering practices to build smarter, more resilient systems. Through a mix of theory, open-source innovation, and

practical implementation, we'll present real-world scenarios that highlight the evolving role of QA in an AI-powered development lifecycle.

- Generative AI for Test Design: Use models like Llama and GPT-4.x to generate tests from user stories or requirements and integrate them into frameworks like Robot Framework or Playwright.
- Synthetic Data for Smarter Testing: Leverage open-source tools like Synthetic Data Vault (SDV) to create high-fidelity, privacy-preserving test datasets that mirror real-world behavior.
- AI-Driven Observability: Apply Prometheus, Grafana, and anomaly detection models (e.g., Facebook Prophet) to proactively monitor and detect subtle performance issues and regressions.
- Intelligent Chaos Engineering: Use Litmus Chaos or Chaos Mesh with machine learning models to dynamically generate failure scenarios based on historical outages or user patterns.

What you'll learn

- Understand how to apply generative AI and observability to modernise QA practices.
- Explore practical open-source tools that enable intelligent test generation and data synthesis
- Learn how to detect system risks early through proactive fault analysis and metrics correlation.
- Discover how to make chaos engineering more adaptive and realistic using AI models.
- Gain inspiration from real QA strategies that are already delivering impact across industries.



Jorge Mayorga
Banco de Crédito
México
and Marco Arce
ntt data
Spain



TRACK 4
12:00h - 12:45h May 21st
Transforming Quality Engineering through AI and Robotics
AI Testing | General Level

The integration of Artificial Intelligence and the use of Robots to automate testing has revolutionised the practice of Quality Engineering, enabling unprecedented optimisation in software validation.



Testing strategies supported by AI solutions across the SDLC are facilitating early defect detection through predictive analysis of requirements quality, better test scenarios aligned to business priorities, effective generation of automation and autonomous execution of continuous testing in dynamic environments. In addition, the use of Robots allows overcoming the limitations of software test automation in scenarios that require interaction with physical devices.

What you'll learn

- Best practices, use cases and lessons learned with which we transform the Quality Engineering practice and Continuous Testing strategy to the next level.

Joanna Falkowska
VML Enterprise
Solutions
Poland



TRACK 1
15:15h - 16:00h May 21st
Testing for Inclusion: The European Accessibility Act and the Future of Software Quality
Usability & Accessibility | General Level



While US clients generally understand the legal risks of inaccessible websites, accessibility testing for EU-based clients has often been overlooked. This is set to change with the European Accessibility Act (EAA). This directive aims to improve accessibility within the EU market, requiring services like passenger transport, banking, and e-commerce to adhere to Web Content Accessibility Guidelines (WCAG). Are we prepared for this shift?

Joanna Falkowska's talk will provide a concise overview of the European Accessibility Act (EAA). She'll guide you to key resources, clarify which products and services are covered by the new directive, outline the consequences of non-compliance, and offer practical first steps for those new to accessibility.

What you'll learn

- Will be able to locate key resources related to the EAA.
- Identify products and services covered by the new directive.
- Understand the consequences of not complying with the EAA.
- Know how to begin addressing accessibility if you haven't already started.

Irja Straus
Straus
Croatia



TRACK 2
15:15h - 16:00h May 21st
The Evolution of The Why in Test Automation
Test Automation | General Level



The question about what success looks like for test automation has been on Irja's mind since the beginning of her career, and the answer has evolved and changed drastically over the years. With all the shiny new tools and AI, it's easy to neglect what value does our test automation efforts bring, and we are often fooled

by wrong metrics such as only relying on test coverage. In this talk, Irja will present the evolving thought on how success and value looked different from different angles, and why it is important to know and calculate the value of your invested efforts.

The talk begins with a brief introduction, followed by personal anecdotes illustrating the speaker's evolving understanding of success in test automation across different roles. The core of the presentation explores the complexities of defining and measuring success in this context. Key terminology is defined, and the calculation of ROI is discussed, emphasizing the importance of considering both direct and indirect costs. Common pitfalls, such as over-reliance on test coverage, are highlighted, and the focus shifts towards more meaningful metrics. The talk concludes with practical takeaways, underscoring the significance of actionable metrics and the influence of roles on success.

What you'll learn

- How to calculate the return of investment in a meaningful way for test automation projects and which metrics to look at.
- Importance of considering different aspects of costs (especially the indirect ones such as opportunity cost) when measuring.
- Understanding why success looks very different depending on the role.

Carlos Manuel
González Mira
Alten
Spain



TRACK 3
15:15h - 16:00h May 21st
Chaos Testing vs Performance in Kubernetes
Chaos Engineering & Testing | General Level



The importance of Chaos Testing lies in its preventive approach to ensuring reliability and efficiency in increasingly complex systems. Beyond simply uncovering vulnerabilities, its true value lies in fostering a culture of experimentation and continuous improvement. It is precisely in the intersection of chaos testing, performance testing, and AI-driven capabilities that organisations can strengthen their platforms, minimise downtime, and enhance user experiences in ever-evolving environments.

This talk emphasises the importance of Chaos Testing and its connection to performance, outlining strategies, key tools, and the AI capabilities of those tools to enhance infrastructure resilience. It also explains how to combine both approaches and the steps for successful implementation.

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Introduction to Chaos Testing and Its Importance
Chaos Strategies and Main Tools
Chaos Testing vs. Performance Testing
Complementing Chaos & Performance AI Capabilities of the Tools
Conclusions and Next Steps.

What you'll learn

- Understanding of the importance of Chaos Testing and how it can be integrated with performance testing to ensure the reliability of Kubernetes clusters.
- Different tools for implementing Chaos Testing and explore AI capabilities that can further optimise these tests.

Joaquín Suárez
ManoMano
Spain



TRACK 4
15:15h - 17:15h May 21st
AI testing with chatGPT and Github Copilot
AI Testing | Advanced Level



In this masterclass we will see how to use AI to do testing throughout the entire software development cycle using chatGPT and Github Copilot, from the creation of ideas or definition of requirements to the definition of automatic regression tests, passing through such important concepts as TDD, BDD or even addressing the non-functional testing.

Using chatGPT and Github copilot we will see from scratch how you can take advantage of AI for the entire development process. You will create a simple web application from scratch and You will see how to use AI for testing purposes: definition of requirements and risk analysis, creation of testable acceptance criteria, TDD, BDD, automation of E2E tests and even creation of non-functional tests such as performance or load.

What you'll learn

- Use chatGPT and Github Copilot to perform testing and will realize the benefits of using this type of tools.
- Using this type of help can radically change the way they work with significant time savings.

Samer Naqvi
Global Logic
England



TRACK 1
16:30h - 17:15h May 21st
Green Testing: AI-Driven Strategies for Sustainable Testing
AI Testing | General Level



Throughout her career in testing, Samer Naqvi has seen how automation improves efficiency—but also how it can lead to waste when not used thoughtfully. While working on large-scale projects, she noticed how excessive test execution, redundant pipelines, and inefficient resource use contributed to higher cloud costs and environmental impact. This inspired her to explore AI-driven strategies that make testing not just faster, but more sustainable. In this session, she shares insights on optimizing test execution, reducing energy consumption, and designing testing practices that balance quality with environmental responsibility.

Decarbonizing Software – Dream or Reality? As environmental concerns grow, the software industry must rethink its impact. Traditional testing consumes significant energy, but AI offers a path to sustainability. This talk explores how AI-driven strategies can optimize test automation, resource allocation, and defect prediction to reduce carbon footprints. Real-world case studies will showcase companies successfully adopting green testing. We'll also address challenges in implementation, from cultural shifts to overcoming resistance. By integrating AI into testing, organizations can improve software quality while contributing to a greener future.

What you'll learn

- The significant environmental impact of traditional software testing practices and the urgent need for sustainable solution.
- Insights from real-world case studies showcasing successful AI-driven green testing practices.
- Roadmap and actionable recommendations for organizations to overcome cultural challenges.
- Integrate sustainability into their testing processes.

Rafaela Azevedo
The Chaincademy
United Kingdom



TRACK 2
16:30h - 17:15h May 21st
E2E Tests for Web3 Applications
Test Automation & Tools | General Level



Web3, characterized by its decentralized architecture, tokenized economies, and smart contracts, has redefined the way applications are built and tested. Seamless user interaction, and reliability are key for decentralized applications (dApps). This session spotlights the role of end-to-end (E2E) testing in the Web3 space, offering hands-on exposure to Synpress, a framework designed to address these unique challenges. By interacting with tools like MetaMask wallet and local blockchains, attendees will gain essential skills to ensure their dApps thrive in the decentralized ecosystem.

Learn how to seamlessly interact with MetaMask, the popular crypto wallet plugin, ensuring secure transactions within your tests. We'll also run a local blockchain, providing the perfect sandbox for running and testing your dApps before deploying to Testnet. But before we dive deep, we'll take a step back and demystify the enigmatic "Web3" itself. We'll explore its core principles, understand its unique challenges, and unveil why rigorous E2E testing is crucial for ensuring the smooth and secure operation of your dApp.

What you'll learn

- Empower you to confidently navigate the Web3 E2E tests.
- Do E2E test automation on decentralized applications.

Andrea Baccarin
& Laura Rodríguez
sqli / Nespresso
Spain



TRACK 3
16:30h - 17:15h May 21st
Automation First Approach: How to deliver automatic regression test cases every sprint and shorten the testing timelines for your releases.
Test Automation | General Level

Nespresso had a goal: move from a 2-month release cycle to faster, high-quality deliveries. But with a monolithic architecture and limited automation capability, teams struggled. High maintenance costs, manual execution, and weak collaboration between devs, tech leads, and QA engineers were holding them back. Enter the Automation-First Approach – a strategic mindset shift that turned testing into a sprint-ready, collaborative, and value-generating process. Together, SQLI and Nespresso embarked on a journey to take care of quality since the first stages of every new delivery. The result? More tests automated on time and a real boost in delivery confidence.

In this talk, Laura and Andrea will explain how teams moved from monolithic E2E testing to a modular approach, enabling faster automation and easier maintenance. They will demonstrate how using Gherkin standardised test cases and fostered cross-role collaboration. The advantages of choosing Playwright for frontend and API automation within a unified framework will be explored. They will show how integrating tests into CI/CD pipelines improved speed, and coverage. Finally, they will emphasize the mindset shift required for success and how in-sprint delivery of automated tests reduced delays and manual effort, accelerating releases and improving overall quality.

What you'll learn

- Strategy: How to structure a robust automation lifecycle using a test pyramid approach (functional tests, integration tests, end-to-end tests).
- Requirements: Why using Gherkin syntax improved test case quality and team collaboration.
- Framework Choice: Why Playwright works for both frontend and backend scenarios
- CI/CD Integration: How we leveraged pipelines to boost test execution and reliability.
- Mindset Shift: Tactics to embed quality ownership across the entire team.
- Time Optimisation: How we reduced handovers and manual overhead.
- Knowledge Sharing: Techniques to build a sustainable culture of collaboration.

GAME SHOW

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HAVE FUN AT THE END OF THE DAY!

The expo:QA Game Show is a great opportunity to voice your opinion on numerous topics about testing. We'll have a panel of conference speakers on stage who'll respond to statements chosen by the audience. There will be 3 rounds, each lasting 15 minutes and each having one of the chosen topics and relating statements to discuss, that will be chosen by the audience, using Kahoot.

WHY NOT GET INVOLVED?

If you want to participate on stage and be part of the panel, please let us know in advance, signing up in the community space, providing us with your name and the company you work for. Remember to sit in the first row of the hall (track 1) before the show starts.

DETAILS

TRACK 1
17:25h - 18:25h May 21st

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keeps your business
running smoothly





Gáspár Nagy
Spec Solutions
Hungary



TRACK 1
11:05h - 11:50h May 22nd
RAMP up your testing solution: test automation patterns
Test Automation & Tools | General Level

In order to be able to meet the quality requirements of today's applications, the expected level of automation is massively increasing year by year. Everyone is automating. But while we are the pioneers of using test automation on such a large scale today, it might make sense to think about tomorrow, when we have to keep the test infrastructure running for many years more. It is easy to get to a quick win, but we need better architectural solutions and patterns to preserve the benefits of the success.

A good test infrastructure should aim for Reusability, Abstraction, Maintainability and Performance (RAMP). In this talk Gaspar will show why these patterns and generally pattern-based thinking is useful for test automation for better maintainability, flexibility and collaboration between the different roles. Gaspar works with Seb Rose on the next book in their BDD Books series, that focuses on test automation patterns that work well with BDD. In the presentation Gaspar shows a few examples from the book to illustrate how an automation pattern might look like and how it can be documented.

What you'll learn

- Build long-term maintainable automation infrastructures.
- What kind of architectural patterns can be used for the test automation layer.
- Pattern-based thinking can help collaboration between different roles.



Nino Abramishvili
Space International JSC
Georgia



TRACK 2
11:05h - 11:50h May 22nd
Accelerating Time to Market through Innovative QA and Release Management: A Case Study from Space International
Test Management & Strategy | General Level

In today's fast-paced digital environment, reducing the time to market is critical for maintaining competitive advantage. In this talk, Nino will share how Space International successfully reduced its release cycle from 6 months to 1 week while drastically shortening regression testing from 4 weeks to a 1-day smoke test. By implementing innovative QA strategies and refined release management approaches, we ensured high-quality software delivery with significantly faster timelines. This talk will provide attendees with actionable insights and methodologies to replicate similar results within their organizations.

Overview of the previous QA and release management practices and the pain points of long release cycles and extensive regression testing.

- Problem Statement: Key issues that delayed releases and created bottlenecks in the process.
- Solution Approach: · How we focused on high-impact areas to reduce testing scope and time while ensuring product quality.
- The steps taken to break down silos between teams and improve cross-department coordination.
- How shifting to agile workflows allowed for more frequent and manageable releases.
- Fostering a mindset of ownership, collaboration, and adaptability to support faster, more efficient releases.
- Results and Metrics
- Conclusion

What you'll learn

- Risk-Based Testing: Learn how prioritizing high-risk areas enable reducing the scope of testing while maintaining high product quality.
- Improved Cross-Functional Collaboration: Learn how to foster a closer partnership between development, QA, and operations to streamline the release process.
- Shift to Agile and Continuous Delivery: Learn the role of agile methodologies and continuous delivery practices in accelerating release cycles.
- Cultural Transformation: Learn how a shift in mindset and team culture contributed to the success of faster releases.
- Overcoming Challenges: Get real-world examples of challenges faced during the transition and how to address them.



Victor Saenger and Victor Trujillo
Capitole
Spain



TRACK 3
11:05h - 11:50h May 22nd
Orchestrating LLM Pipelines with Metamorphic Testing for QA Automation
AI Testing | Advanced Level

Continuous testing has driven demand for scalable, self-maintaining QA automation, but traditional methods often fail with evolving requirements, brittle scripts and the need for manual output verification. While generative AI aids test creation, the industry still needs easier pipeline validation. Metamorphic

testing, a novel method which mutates inputs to ensure consistent outputs, offers a robust way to validate input reliability. This talk explores how these and other converging technologies provide fast, thorough QA coverage and functional requirement checks beyond standard automation.

This talk will demonstrate an end-to-end LLM pipeline that: Translates technical specifications into Gherkin scenarios using LLMs (e.g., GPT-4) as well as highlighting prompt engineering techniques used for parameterised feature files. We will also demonstrate how to convert Gherkin scenarios to JavaScript test scripts using the same automatic approach while validating outputs with metamorphic testing and applying input transformations (e.g., data permutation) to verify consistency via predefined relation. A demo will showcase the entire pipeline using real specification documents from customers.

What you'll learn

- Blueprint demonstration for implementing LLM-driven Gherkin generation with context-aware prompting strategies
- Practices for mapping Gherkin steps to JavaScript patterns
- Strategies to deploy autonomous test maintenance and metamorphic validation suites.



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**Francisco Javier
Montero and
Beatriz Álvarez Lacasa**
Minsait
Spain



TRACK 4
11:05h - 11:50h May 22nd
**Breaking down Accessibility Barriers in the
Digital World**
Usability & Accessibility | General Level

What challenges do people face in the digital world? Digital accessibility is now a matter of legal compliance with the European Accessibility Act. However, complying with these laws is crucial not just because of the legal requirements, but because, despite technological novelties like AI, we are still failing to address basic issues such as accessibility. Many people continue to face significant barriers when interacting with websites and mobile apps due to visual, auditory, motor, or cognitive disabilities.

In this talk, Minsait's Accessibility team will share real-life cases of digital barriers and how we are breaking them down with innovative solutions. Accessibility is not just a requirement—it's an opportunity to create seamless, inclusive digital experiences. Join us to see how we integrate it into our QA processes to ensure that everyone, regardless of their abilities, can interact with technology independently. More than a standard, a digital revolution for all.

What you'll learn

- Identify key challenges in digital accessibility.
- Apply best practices to create inclusive digital experiences.
- Effectively integrate accessibility into the QA process.
- Discover Minsait's solutions to enhance digital accessibility.

Andreea Cosariu
Independent
Romania



TRACK 1
12:00h - 12:45h May 22nd
Learning to Lead Impactful Quality Initiatives
Test Management & Strategy | General Level

Leading impactful quality initiatives requires more than identifying problems—it demands strategic alignment, visibility, and measurable success. Testing efforts often fall short because they lack business context and fail to gain leadership support. Using Objectives and Key Results (OKRs), Andreea built a framework to define, execute, and track improvements that made testing outcomes visible and strategic. To accelerate goal-setting and validation, AI tools helped refine and sharpen OKRs, improving clarity

and focus. In this talk, she'll share practical techniques to translate business needs into quality initiatives, secure leadership buy-in, and engage teams around meaningful, lasting change.

What you'll learn

- Align quality initiatives with strategic business outcomes using OKRs.
- Earn leadership support and engage teams with structured initiatives.
- Apply practical templates and techniques to define, execute, and track quality initiatives for lasting impact.

Sander van Beek
Bartosz ICT
Netherlands



TRACK 2
12:00h - 12:45h May 22nd
Test automation at scale with Robot Framework
Test Automation | General Level



At Dutch Lotteries (Nederlandse Loterij) Sander uses the same Robot Framework repository with 11 other testers across 7 teams. Their approach can scale up further. Peek behind the curtain at how they maintain quality across all test suites. Building quality test automation at scale is hard, especially when many people of various skill levels are involved. Often, this results in clashing approaches, accidentally rebuilding existing functionality, bad code, and inconsistency.

At Dutch Lotteries (Nederlandse Loterij), they found various ways of dealing with scaling issues:

- Test Automation Guild to raise skill levels.
- Required reviews as a teaching tool.
- Build well-documented and flexible shared functionality.
- Structure the repository for clear scopes and flexibility.
- Write organization-specific standards.
- Make lint rules to enforce their standards, you'll take a look at their approach so you can use those ideas to scale up your test automation.

What you'll learn

- Maintain test suite quality at scale.
- Teach an organization to make good test automation.
- The importance of documentation in the right place.
- Standards can help you.

Ignacio Marin
Tsoft
Spain



TRACK 3
12:00h - 12:45h May 22nd
Integrated management of the SDLC: quality, metrics, costs and performance
Test Metrics | General Level



TSOFT and Lyntia share their expertise in comprehensive quality management throughout the software lifecycle.

We will cover the application of best practices in planning, its relationship to new code contributions, quality analysis, issue logging in CI/CD cycles and evaluation of software performance on the infrastructure and the costs associated with its use. Based on metrics from the DORA,Flow and TMMI frameworks, using a FinOps approach, deficiencies are identified throughout the cycle and addressed based on their criticality. A strategy is adopted to estimate the ROI of each proposed improvement & compare it with the actual ROI obtained, enabling decision-making based on a cost-benefit analysis.

What you'll learn

- From this talk you will review in the case study session with DevOps & QAOps, Source Code Quality and Test Metrics.

Pablo Pisa &
José Urbano González
Hiberus
Spain



TRACK 4
12:00h - 12:45h May 22nd
The AI Revolution in QA: Redefining Roles and Teams in Software Development
Test Management & Strategy | General Level



Artificial intelligence (AI) is transforming all areas of software development, and quality assurance (QA) is no exception. It is estimated that by the end of 2025, more than 60% of test cases in leading companies will be wholly or partially generated by AI, overtaking traditional development methods for the first time.

This talk will explore the optimal setup of a software development team in the AI era and redefine the expectations of the role of the QA engineer. In addition, it will discuss how testing should be defined



for software development assistants to be effective and what AI tools are available to support both the product owner and the test engineer in their work. Attendees will learn about the latest AI trends and tools that are revolutionising QA, and how they can adapt to these changes to improve the efficiency and effectiveness of their development teams.

What you'll learn

- Impact of AI on QA: How artificial intelligence is transforming the role of the QA engineer and automated testing.
- Team Configuration: The optimal configuration of a software development team in the age of AI.
- New Expectations: What is expected of a QA engineer in today's and tomorrow's context.
- Defining Tests: How to define effective tests for AI-based software development assistants.
- AI tools: Knowledge of artificial intelligence tools available to support the product owner and test engineer.
- Adapting to Change: Strategies for adapting to AI-driven change.

Emma Liliestam
Devoteam
Sweden



TRACK 1
15:15h - 16:00h May 22nd
AI – The Good, The Bad and the Ugly
AI Testing | General Level



AI is the new New Thing, but we're collectively in the dark about How. We want to enhance our work, but we don't want to be replaced by AI, and we definitely don't want to use immature chatbots that does the work worse than previous tools. What are the bad approaches to AI "support"? What are the really useful approaches? And how can we tell the difference?

Emma will discuss her explorations in the weird and wonderful world of chatbots. This process is inherently humouros – AI is a combination of smart and stupid that baffles us We're all in Exploration Phase when it

comes to AI, we're learning as we go. Thus it is super important to proceed with curiosity and being very aware of our testing approaches.

What you'll learn

- Set of strategies for how to explore AI's strengths.
- Be able to make recommendations about AI tooling, based on facts rather than gut feeling.

Suzanne Kraaij
Sogeti
Netherlands



TRACK 2
15:15h - 16:00h May 22nd
Rethink and rebuild your testset; showcase your professionalism!
Testers and Teams | General Level



Over the years testers have seen the workfield change. In Agile teams you are often the only tester, so it's up to you to create a teststrategy and show the value of testing. To make matters worse, you'll often find yourself landing in projects that are already underway where you inherit some testset or a bunch of userstories, each with few testcases attached. Like many testers, Suzanne struggled with the questions about how to determine the value of those testcases, what to put in a regressionset and how to show the rest of the team why and how you test?

In this talk Suzanne will present a set of simple steps you can use to look back and evaluate what you have and look forward, building a test strategy. She invites you to take your team along in each of the steps, because quality is a team effort! Everyone's input is valuable, with you firmly in the lead. Open the conversation about what you will and won't be testing and all the considerations that you take into account to substantiate those choices. Build that strategy while displaying the value of testing and the level of professionalism that goes into it.

What you'll learn

- A new heuristic to help you determine the value of what you inherited.
- A way of showing the team the level of thought that is behind your testing.

Sara Martínez Giner
TestingSoul
Spain



TRACK 3 MASTERCLASS
15:15h - 16:55h May 22nd
Cybersecurity in Action! Testing for a Secure Digital Future
Security Testing | Advanced Level



It is a reality that cyberattacks are increasing tremendously in the modern day, and it is a fact that most of them are directly related with the software code. Last year, the world experienced a 15% increase in CVEs,



22 MAYO TRACK 3
12:00 hs

CHARLA: **Gestión Integral del SDLC:**
Calidad, métricas, costes y rendimiento



but now, in the same period in 2024, we are talking about a 40% increase! So, how can a software tester contribute in this harsh environment? Is it possible to prevent certain critical situations by simply raising the testing bar with Cybersecurity?

At this masterclass, a few recent media cyberattacks, that should be nowadays eradicated, will be reviewed and explained. It will be crucial to comprehend the primary risks and vulnerabilities to which our products will be exposed to during their lifetime, because “those who do not learn history are condemned to repeat it”. With all this information at hand, we are going to afford the following challenges: Quality and cybersecurity culture. Code analysis tools. Hands on! Break the code, solve some hacking labs Security test automation using ChatGPT as support tool CI: Github Actions Definitely, using these given tips and digging into the code, testing and development teams.

What you'll learn

- Be aware about new cybersecurity vulnerabilities and risks, exploit some of them.
- Automate security test cases and use chat gpt to support your security testing.



Szilard Szell
Eficode
Finland

TRACK 1
16:10h - 16:55h May 22nd
Dark Testing: anti-patterns and failure stories in testing
Agile Testing | General Level



Szilard had work as a Test Coach in a large organization. Last Friday, after a week of PI Planning preparation, seeing that all Test improvement initiatives were down-prioritized by the organization (the ART), he cried out loud “What is he doing there? That was just wasting my time!”. He shared his pain in his Agile coach team. They stood up to help him emotionally, telling stories of their own Agile coaching failures, the stories of how Agile implementation is broken. They called these stories “the Dark Agile”. This gave him the idea to turn to our testing community of practice, and ask them for their Dark Testing stories. Surprisingly, in 15 minutes, Szilard has received 32 answers, 32 different testing smells.

In Szilard’s talk, he would like to share some of their stories with analysis of why these patterns could be seen as “normal” within the organization (while they are not!). He will also give ideas on how to solve them with proper change management, coaching or technical solutions A few Dark Agile stories: – Asymmetrical testing – KPIs Tricked – Following a plan over reacting to change – WaterScrumFall – Test Last-Thinking.

What you'll learn

- Even testing practices might look great on the surface, dig deeper to see if the problem was really solved.

- You are not alone, faking is just much easier than doing it properly.
- Recognising Dark Testing patterns is half the way to solving them.
- Stakeholder and whole team support is needed to bring light instead of Darkness into testing.



Federico Toledo
Abstracta
Uruguay

TRACK 2
16:10h - 16:55h May 22nd
New Challenges in Software Quality Brought by GenAI and LLMs
AI Testing | General Level

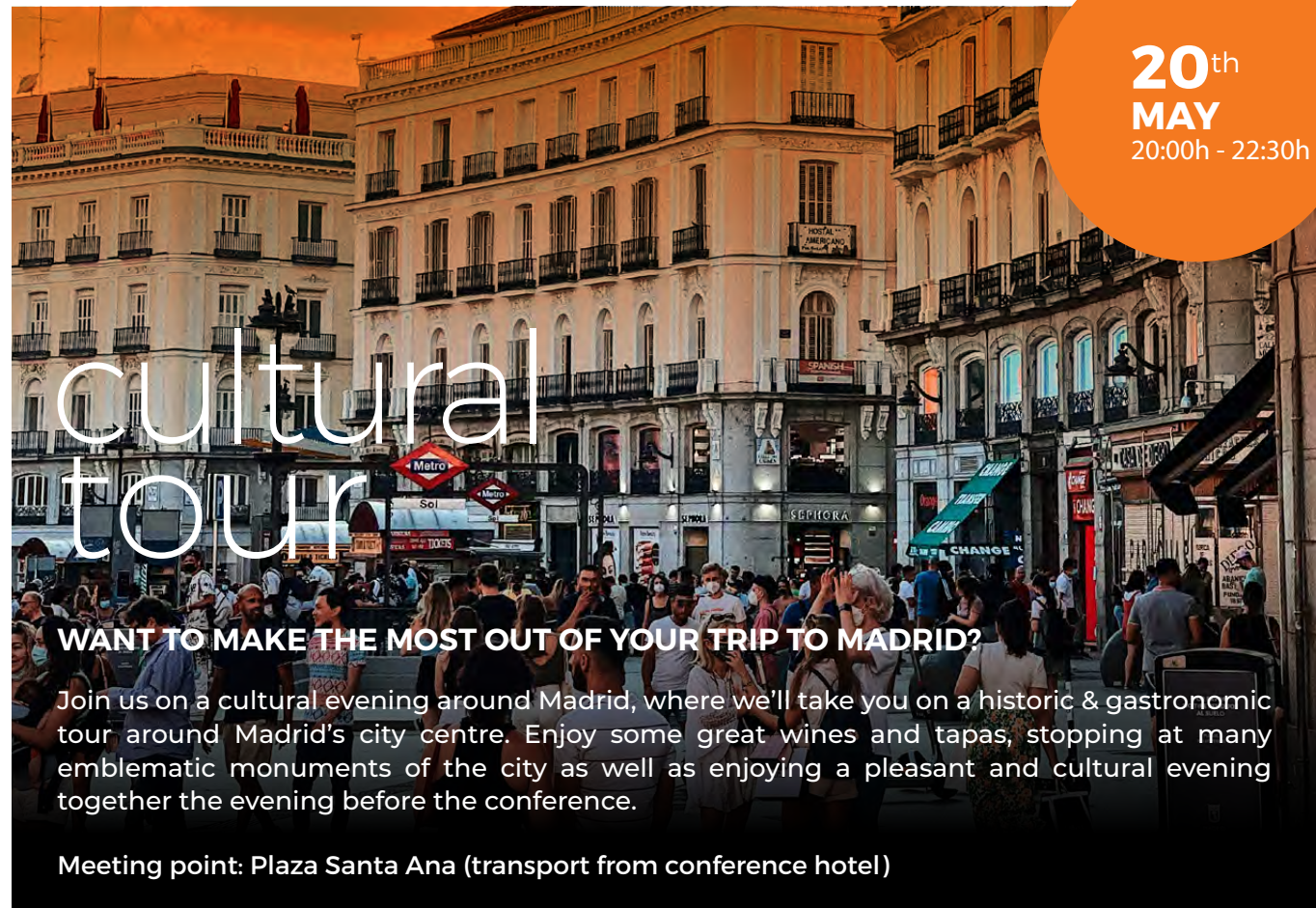


Software quality in the context of generative artificial intelligence (GenAI) and Large Language Models (LLMs) has become increasingly crucial due to their growing influence in various industries. With the evolution of AI technologies, ensuring the reliability and robustness of software systems has become more challenging. Over time, the need for addressing issues such as data quality, bias detection, non-determinism in test automation, and privacy concerns has gained prominence.

In recent years, few companies have introduced software leveraging the power of generative artificial intelligence and Large Language Models to their users. Most organizations have engaged in Proof of Concepts to explore the potential advantages offered by these innovative technologies. Thus far, our interactions have been akin to playing in a sandbox – low risk, filled with innovation, and experimentation. Moving forward, there will be a growing necessity to *really* test and “guarantee” the quality of such software. The challenges posed by testing these applications are distinct from those encountered in assessing “traditional” software.

What you'll learn

- Challenges associated to quality of applications using LLMs, GenAI, RAG.
- Testing approaches to address specific quality concerns for this type of systems.
- Use test automation with Evals and similar frameworks.
- Use observability to improve quality.



**20th
MAY**
20:00h - 22:30h

cultural tour

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Join us on a cultural evening around Madrid, where we'll take you on a historic & gastronomic tour around Madrid's city centre. Enjoy some great wines and tapas, stopping at many emblematic monuments of the city as well as enjoying a pleasant and cultural evening together the evening before the conference.

Meeting point: Plaza Santa Ana (transport from conference hotel)



**21st
22nd
MAY**

TRY YOUR LUCK AT THE nexttest.io STAND!

Win an Apple Watch and lots of fun prizes

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Visit 3 stands to get 3 stamps, then go to the nexttest.io stand and **try your luck with the expo:QA'25 Challenge!**

Participate to win an Apple watch and lots of fun swag!



Come here!

NEXTTEST.IO



networking dinner

**21st
MAY**
20:00h - 23:00h

JOIN THE SPEAKERS FOR DINNER

A night to network with the expo:QA conference speakers and fellow conference attendees. This is where we all let our hair down, relax and enjoy some exquisite food and wine after an intriguing day at the conference. An ideal chance to network outside the conference and maximise your expo:QA experience.

Join us and get to know the speakers a little better!

SUA Restaurant, C. de Moratín, 22, 28014 Madrid



**22nd
MAY**
17:05h

expo:QA'25 awards ceremony

★ **BEST STAND**
Voted by the organisation

Awards Ceremony and prize raffles Graham Moran, Event Director

EXPO:QA'25 PRIZES AND SPONSOR PRIZES
Attendees who and are present in the room will participate in the raffle of an Apple Watch and other sponsored gifts.

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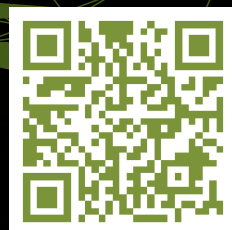
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TAKING SOFTWARE TESTING TO THE FOREFRONT OF SOFTWARE DEVELOPMENT IN 2025