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ORGANISER

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4th International Conference on Safety and Cybersecurity

Conference Programme

#qatest

April 18 - 19
2024
Círculo de
Bellas Artes
Madrid



Organiser



Sponsor





QA&TEST, the International Conference on Software Testing and QA for embedded and complex systems held annually, will celebrate the 4th edition of the conference QA&TEST Safety and Cybersecurity. The event will take place at the Círculo de Bellas Artes in Madrid on April 18th and 19th, focused on how to integrate cybersecurity and safety in the development life-cycle of a system.

Nowadays the interconnection of systems has meant that these disciplines cannot be considered separately; there is not system that can not behave safely if it is not protected against attacks (cybersecure). Systems are increasingly more complex and must therefore use technologies and approaches to address this complexity.

This is the reason why the Conference QA&TEST Safety and Cybersecurity has organized another edition, as an answer to the growing need in the industry to analyze and take notes on the subject. The event will also be, as previous years, the perfect complement to the general content of QA&TEST embedded.

Both QA&TEST embedded and QA&TEST Safety and Cybersecurity aim to bring together professionals and international experts from different sectors such as rail, aeronautics, medicine, electronic devices, banking, insurance or telecommunications. Directors, project managers, program directors, as well as all kinds of professionals from the world of testing who work in the field of software quality and testing can benefit from the extraordinary opportunity for training and networking that both conferences involve.

Welcome to QA&TEST Safety & Cybersecurity!

18 THURSDAY

QA&TEST
programme

09:00 - 09:30	Official Opening
09:30 - 13:15	TRACK 1
	Safety and Cybersecurity Systems Engineering
09:30 - 10:30	Security & Safety an introduction to QorIQ Trust Architectures in critical applications Iñaki García Brito / Orbital Critical Systems (Spain)
10:30 - 11:15	Coffee Break
11:15 - 12:15	Time and Availability in Dependable Systems Engineering Jan Tobias Mühlberg / Université libre de Bruxelles (Belgium)
12:15 - 13:15	Safety and Cybersecurity in data spaces and their impact on critical environments Josu Fernández / SQS (Spain)
13:15 - 14:30	Lunch
14:30 - 16:30	TRACK 2
	Cybersecurity techniques in safety domains
14:30 - 15:30	Threat Modelling for Cybersecurity and Safety in Modern Products Amit Dori / Microsoft (Israel)
15:30 - 16:30	Preventing cybersecurity attacks in safety certified AMR system Dan Horovitz / Intel (Israel)
16:30 - 17:30	SPECIAL TALK
	The Role of Cybersecurity in Medical Devices Regulation: Future Considerations and Solutions Kaspar Rosager Ludvigsen / University of Strathclyde (United Kingdom)
20:30	Conference Dinner

April
2024

FRIDAY 19

09:00 - 10:00	KEYNOTE
	How I Learned to Stop Worrying and Love the SBOM Lucas Brandstätter / Limes Security GmbH (Austria)
10:00 - 14:30	TRACK 3
	Industrial Safety & Cybersecurity: a practical approach
10:00 - 11:00	Developing Safety-Critical Systems: A Case Study in Automotive Security Andrey Markovytch / Microsoft (Israel)
11:00 - 11:30	Coffee Break
11:30 - 12:30	Safety and Security in Space Traffic Management: Concept of Operations for Space Sustainability Elena Labrador Vares / GMV (Spain)
12:30 - 13:30	Cybersecurity and Healthcare: Taking a Zero-Trust Approach George Vukotich / University of Illinois Chicago (USA)
13:30 - 14:30	Empowering End-to-End OT Cyber security: Leveraging ISA/IEC-62443 Jose Antonio Meseguer / Schneider Electric (Spain)
14:30 - 15:00	OFFICIAL CLOSING
15:00	Farewell Cocktail

*The organization reserves the right to reschedule, add or cancel presentations.



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