

Keynotes



Carlos López Blanco. Spain

State Attorney on leave of absence, senior adviser of Flint Global and Chairman of the Digitalisation Committee of the Spanish Chamber of Commerce. Director of the International Office of Telefónica, S.A and Secretary of State for Telecommunications and Information Society in the Spanish Government.

Álvaro Ortigosa. Spain

Álvaro Ortigosa is Director of the Forensic Sciences and Security Institute. Doctor in Computer Engineering and professor of the Computer Engineering Department of the Autonomous University of Madrid. Director of the Master in Analysis of Digital Evidence and Fight against Cybercrime of the UAM. His lines of research are focused on data mining and predictive analysis for the prevention of crime. Cybersecurity, cybercrime and cyberintelligence and studies on the use of algorithms to predict personality and affective states.



Ritu Sethi. India

Having worked in networking companies like Hughes, Ericsson, Qualcomm, Infineon Wireless and Intel Mobile Communications, Ritu comes with hands-on experience in 2G, 3G, TDSCDMA, CDMA-1x and 4G cellular and GNSS. In her current role as a cellular communications architect for Internet of Things Group (IOTG), she contributes towards integration and validation of wireless connectivity – Cellular and GNSS to IOT Platforms.

Tiziana Casinelli. France

Tiziana Casinelli holds a degree in Computer Science from the University of Pisa and an Executive Master on Business Administration from the International Space University (Strasbourg).

In 2008 she was appointed as Information Systems Security Manager, her responsibilities entailed the development of new security policy for Eutelsat Satellite Control service, together with the management of all R&D projects to support and enhance security.



SQS, S.A. Spain
Av. Zugazarte, 8-1º6
48930 Getxo (Vizcaya)
Tel.: +34 94 480 46 17

Alcalá, 35
28010 Madrid
Tel.: +34 91 531 05 12

email: info@qatest.org



1st International Conference on Safety and Security



QA&TEST SAFETY AND SECURITY

CONFERENCE PROGRAM



Organized by:



Sponsored by:



27 - 28 Madrid/Spain
MARCH
www.qatest.org **2019**



QA&TEST

1st INTERNATIONAL CONFERENCE ON SAFETY AND SECURITY

QA&TEST, the International Conference on Software Testing and QA for embedded and complex systems held annually in October in Bilbao and organised by SQS, has the pleasure to launch the first edition of the conference QA&TEST Safety and Security, focused on how to approach, in an integrated way, safety and security aspects.

It is a fact that, nowadays it is not even possible to think of a system being safe without being secure; systems are increasingly more complex and we must therefore use technologies and approaches to address this complexity. This is the context where the Conference QA&TEST Safety and Security has emerged, as a response to this growing need in the industry with the profound analysis that the subject requires.

In 2019, as a result of a deep reflection on the needs that our sector currently presents, SQS launches QA&TEST Safety and Security conference, focused on facing the challenges presented by addressing safety and security aspects in an integrated manner, to both development and testing. QA&TEST Safety and Security will be the perfect complement to the general content of QA&TEST embedded.

Both QA&TEST embedded and QA&TEST Safety and Security 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 & Security!

27

Wednesday

09:00-09:30 OPENING

Jordi Llinares San Juan | Ministry of Industry, Trade and Tourism (Spain)

09:30-10:30 OPENING KEYNOTE

Digital Revolution, Data Economy and Security: Challenges and Opportunities
Carlos López Blanco | (Spain)

10:30-11:00 COFFEE BREAK

TRACK 1: *Design, development and engineering*

11:00-12:00 We need to talk

Jan Tobias Muehlberg |
imec-DistriNet, KU Leuven (Belgium)

12:00-13:00 Safety versus Security: same focus, different culture

Isabel Bachiller | GMV (Spain)

13:00-14:00 Why is security n°1 challenge for DevOps?

Praveenkumar Prem | Wipro Digital (UK)

TRACK 3: *Validation*

11:00-12:00 Recor-rail, real and contextual testing information tool

Baltasar Gil | ESM (Spain)

12:00-13:00 Safe solution for the Configurable Software challenge

Michael Stahl | Intel (Israel)

13:00-14:00 AI Testing challenge Safety, Privacy and Security

Aviram Shotten | Qualitest (UK)

14:00-15:30 LUNCH

TRACK 2: *Risk Management*

15:30-16:30 Security-informed risk assessment for safety-critical systems

Robert Stroud | Adelard (UK)

16:30-17:30 Reducing and monetizing cybersecurity risk in industry

Iñaki Eguia | RKL (Spain)

TRACK 4: *Testing*

15:30-16:30 Being a modern tester for safety's sake!

Dawid Pacia | Brainly (Poland)

16:30-17:30 Free bugs - maxing out your test plan using security flags and tools

Yair Netzer | Intel (Israel)

17:30-18:30 SPECIAL LECTURE

Make the User feel Safe and Secure with trustful design
Philip Lew | XboSoft (USA)

20:30 DINNER

28

Thursday

09:00-10:00 KEYNOTE

Security and functional safety validation for a connected automotive
Ritu Sethi | Intel (India)

TRACK 5: *Design, development and engineering*

10:00-11:00 Ensuring Safety and Security analysis in S-Cube approach

Dr. Youssef Laarouchi | EDF (France)

11:00-11:30 COFFEE BREAK

TRACK 6: *Validation*

11:30-12:30 When technology alone is not enough: Independent co-assurance using the Safety-Security Assurance Framework (SSAF)

Nikita Johnson | AAIP (UK)

12:30-13:30 KEYNOTE

Democracy in Cyberspace: A hackable model with impact on operational safety
Álvaro Ortigosa | Forensic Sciences and Security Institute (Spain)

13:30-15:00 LUNCH

15:00-16:00 CLOSING KEYNOTE

In the Digital and Data Economy Era, a management inclusive of security and safety is the ultimate Company's performance booster
Tiziana Casinelli | Paris (France)

16:00-17:00 PANEL 1

Chairperson: Javier Diéguez | BCSC (Spain)

16:00-17:00 PANEL 2

Chairperson: Ariel Cymberknoh | Intel (Israel)

17:00-17:30 PANELS' CONCLUSIONS

17:30-18:00 CLOSING

D. José Javier Rodríguez Hernández | General Deputy Director of Innovation and Smart City, Madrid City Council (Spain)