



IW-SQC HORIZONS 2026

INTERNATIONAL WORKSHOP ON

STATISTICAL QUALITY CONTROL

Advances in Quality Across Science, Industry, and e-Learning Systems

Universidade Aberta, May 15, 2026

Salão Nobre, Palácio Ceia, Rua da Escola Politécnica, 147, Lisboa

Program

Friday, May 15th, 2026

- 09.00-09.45 **Registration/Materials**
- 09.45 -10.00 **Opening Ceremony**
- 10.00 -10.30 Keynote Speaker Professor Ivette Gomes
Title: Zero-Inflated Models in Statistical Quality Control
- 10.30-11.00 Keynote Speaker Professor Christos Kitsos (ONLINE)
Title: Statistical Analysis for Drinking and Ground Water Tanks
- 11.00 -11.30 **Coffee Break**
- 11.30 -12.30 Invited SESSION 1
- 11.30 -11.50 Speaker 1 – Elisabete Carolino
Title: Keeping the Dust Under Control: Multivariate Control
Charts for Particulate Matter in Occupational Environments
- 11.50 -12.10 Speaker 2 - Filomena Teodoro - TBA
- 12.10 -12.30 Speaker 3 - Rebecca Taylor (ONLINE)
Title: Advances in Quality Across Science Industry & Elearning
Systems

- 12.30 - 13.00 Keynote Speaker Professor George Halkos (ONLINE)
Title: A Statistical Quality Control of Particulate Matter Pollution
in Europe: Evidence from 39 countries 2000-2023
- 13.00 - 14.30 **Lunch Break**
- 14.30 - 15.30 ROUND TABLE SESSION
Moderator: Teresa A. Oliveira
Participants: Professor Samad Hedayat (UIC);
Professor António Teixeira (LEaD-UAb);
Professor José Eduardo Franco;
(...)
- 15.30 - 16.30 Invited SESSION 2
15.30 - 15.50 Speaker 1 – Fernanda Otilia Figueiredo
Title: Statistical Acceptance Sampling under Inflated-Pareto-
type Processes
15.50 - 16.10 Speaker 2 - Elisa Henning (ONLINE)
Title: Control Charts for Monitoring Urban and Residential
Water Consumption
16.10 - 16.30 Speaker 3 - Márcio Ferreira de Lima (ONLINE) -
Title: Análise do Consumo de Água em Agências Bancárias
utilizando Gráficos de Controle: Evidências de uma Agência
Bancária em Joinville
- 16.30 -17.00 **Coffee Break**
- 17.00- 18.00 SPE-IPQ INVITED SESSION
Speakers: Mafalda Costa and Maria João Poliodoro, SPE-
Divisão de Planeamento e Estatística da DRAP Norte
- 18.00 **Closing**