

International Master Class | ONLINE

Advanced Online Training

International Master Class on Quality Assurance in the Analytical Laboratory

Sharpening your skills as a technical manager

A practical, interactive master class for laboratory professionals who want to connect ISO/IEC 17025 requirements with confident day-to-day decisions.

Course Format

5 days | live online

Date

16 – 20 November 2026
11h.30 – 14h.30 (CET)

Make Sense of the Standard

Turn technical requirements into workable laboratory practice.

Build Confidence

Strengthen decisions about methods, results, risks and customers.

Learn by Doing

Apply concepts through case studies and group discussion.

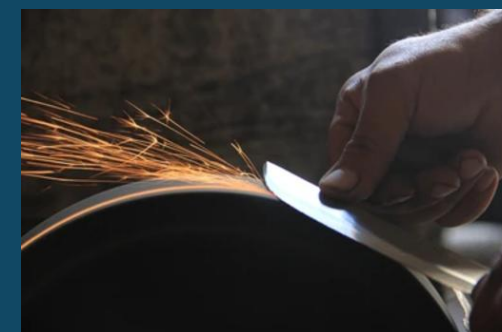
Designed for technical managers and professionals in analytical laboratories.

Examples, exercises and feedback grounded in the realities of analytical laboratories and accreditation work.



Sharpening your ISO/IEC 17025 skills as a technical manager

Date: 16–20 November 2026



Reserve your place

www.aim-consultoria.com

Registration / contact:

<https://forms.gle/zprnHHwJeFcABPPf9>

info@aim-consultoria.com

Registration fee for this 5-day event – 750 € exc. VAT

Why this Master Class?

From technical requirements to confident decisions

Analytical laboratories rely on competent people, reliable methods and trustworthy results. Yet technical managers often have to make complex decisions quickly, how much uncertainty is acceptable, whether a method is fit for purpose, which proficiency testing scheme to choose and how to explain risk to a customer.

This five-day online master class bring the essential technical aspects of ISO/IEC 17025:2017 together in one coherent, practical learning experience.

What skills participants will gain

CLARITY

A structured view of the technical requirements that matter most

Learn with Confidence

The master class is delivered by an experienced international trainer team with strong expertise in laboratory quality assurance, accreditation and the practical implementation of ISO/IEC 17025. Their work combines technical depth with a clear, accessible training approach.

WHO SHOULD ATTEND?

Technical managers, quality managers, laboratory professionals and other specialists in analytical laboratories who want to deepen their understanding of ISO/IEC 17025 and strengthen its practical application.

A master class for professionals who already know the ingredients and want to make them work together. Examples, exercises and feedback grounded in the realities of analytical laboratories and accreditation work.

PRACTICAL

Approaches that can be adapted to your laboratory.

Technical Expertise

ISO/IEC 17025, technical management, method validation, measurement uncertainty, traceability, proficiency testing, conformity assessment and levels of experience.

BETTER JUDGEMENT

Confidence in evaluating evidence, risks and conformity decisions.

International Experience

Training and supporting laboratory professionals from different countries, institutional contexts and levels of experience.

The Programme

FOUNDATIONS & PRACTICAL APPLICATIONS ISO/IEC 17025

ISO/IEC 17025 refresher: structure, requirements, updates and common challenges
Technical competence in practice: roles, responsibilities, technical records and their traceability
Measurement uncertainty : key concepts, estimation steps and practical tools
Interactive workshop: identifying and addressing technical challenges

ADVANCED TOPICS & SKILL INTEGRATION

Risk-based thinking, assessing and treating risks in technical operations
Effective communication, clear technical language, conflicts and expectations
The Master Chef's Kitchen: comprehensive case study and team problem solving
Q&A and wrap-up, best practices, lessons learned, feedback and certificate

PRACTICAL TOOLS & EFFECTIVE IMPLEMENTATION

Reference materials and calibration certificates
Interpreting certificates and selecting suitable resources
Proficiency testing and interlaboratory comparisons
Choosing schemes, evaluating results and corrective actions
Validation and verification
Efficient planning, performance criteria and group exercise
Conformity assessment: decision rules, risks and customer-facing statements