

Unique and international experience

The school is truly unique in the world:

- It has been running annually since 2008
- Teachers with extensive experience in matters related to laboratory accreditation
- Global participation: more than 700 participants, from 84 different countries and 4 different continents have participated
- Interactive and problem-based learning
- The school spans across two weeks, allowing participants to practice what they learned under laboratory conditions
- A laboratory is set up at the venue. Each participant is part of a team carrying out tests for a customer who wants to know whether their product is compliant. The teams compete against each other to provide the best result
- Free access to a self-paced e-course and an on-line preparatory course prior to the summer school

Learning objectives

By the end of the Summer School, participants will be able to:

- Advance their theoretical understanding of the ISO/IEC 17025 standard
- Acquire practical skills
- Acquire transferable as well as entrepreneurial skills (planning, time management, intercultural communication, teamwork and leadership)
- Apply the skills in a practical testing laboratory challenge

Programme

- ISO/IEC 17025 (on-line preparatory course)
- Customer requirements, compliance and decision limits
- Metrological traceability and use of reference materials
- Method validation
- Measurement uncertainty estimation
- Use of proficiency tests and internal quality control
- Internal audits and auditing skills
- Testing laboratory contest



International Summer School on Quality Assurance in a Testing Laboratory (ISO/IEC 17025)



MEASUREMENT SCIENCE IN CHEMISTRY

4 July - 17 July 2027

20th edition

Unlock Your Potential:
Learn from the best QA experts!
Challenge yourself in a laboratory contest!

Co-funded by the European Union

EACH

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What's in it for you?

Gain specialized insights from international experts

Get that training for your new job position

Enhance your career prospects

Your science project requires testing? Good science is based on quality assured data.

Build an international network

Challenge yourself in a testing laboratory contest

On successful completion, you will get a certificate equivalent to 6 ECTS







History of the summer school

The summer school was initiated by the European Commission Joint Research Centre in 2008, in view of the importance of quality assured data in the context of globalisation, international trade and many other policy areas. In 2027 it will be the 20th edition.

Practical

For whom?

Early-career professionals, master and doctoral students.

Where and when?

The summer school will take place in Křtiny (Czechia, close to Brno). Dates: 4 July -17 July 2027. The on-line preparatory course starts 24 May 2027.

Cost?

For this two-week summer school, the all-inclusive registration fee is 3900€, including tuition fee (on-line preparatory course and f2f course) , training material which includes access to an e-learning platform, use of laboratory instruments and reagents, a special T-shirt, all social activities (welcome reception, closing dinner, excursions), all meals and accommodation (shared room) for 13 nights. Your travel to Křtiny is not included. A limited number of grants is available.

Interested?

Send your CV by 31 March 2027 to mscsummerschool@gmail.com



And ... it's also great fun!

The organisers always make sure that apart from high quality teaching, there is also a great social programme. The conference venue is a castle. Křtiny is situated in the south of Czechia, in Moravia, a region with great nature and history which you will be able to sample!

Some testimonials

“challenging yet incredibly rewarding experience”,
“all young scientists out there: don’t hesitate to apply!”,
“... was an amazing experience ... without hesitation, I would attend again.”,
“I return with new skills, deeper knowledge, and great motivation”,
“we met fantastic people from all over the world”

See more at www.msc-euromaster.eu.