



Unique and
international

Interactive and problem based learning

The school is not about you just listening to some lectures. We try to keep those to a minimum. Before the school starts, you can follow an e-course in a self-paced mode, so we bring everybody up to the same level. We apply **interactive and problem based learning**. You will be engaged in a “game”, a **testing challenge**, where you will be part of a team who carries out tests for a customer who wants to know **whether their product is compliant**. A laboratory is set up for this at the venue. You will even be taught how to be an accreditation assessor and then act as an assessor during a visit to an accredited laboratory.

Participation is truly **global**. Over the past editions, there have been 580 participants, from 56 different countries and 4 different continents.



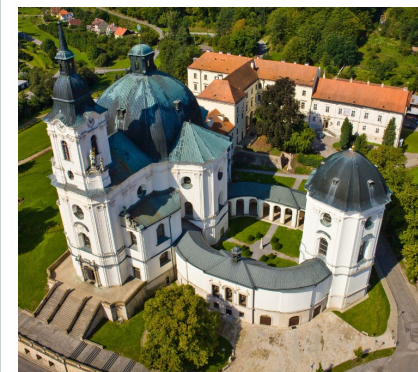
Quality Assurance in Testing

Is your doctoral research relying on chemical or bio-analytical data which you produce? **Good science requires quality assured data.**

This school teaches you the basics of the **international standard ISO/IEC 17025**, as well as **the role of metrology and accreditation**. By the way, today's commercial laboratories virtually all operate under a quality management system based on this standard. So, if you later apply for a job in such a laboratory, this school will give you a competitive advantage. On successful completion of the school, you will be awarded a



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



17th Edition
4 July -17 July 2024

Křtiny (Czechia)

www.msc-euromaster.eu





Practical

Where and when?

The school will take place in Křtiny (Czechia), which is close to Brno. When traveling by plane, please use Vienna International Airport. Dates: 4-17 July 2024.

Cost?

For this two week school, the **all-inclusive registration fee** is 2950€, including tuition fee, training material which includes access to an e-learning platform, use of laboratory instruments and reagents, a special lab coat and T-shirt, all social activities (welcome reception, closing dinner, excursions), all meals and accommodation for 13 nights. Your travel to Křtiny is not included. You might want to apply for a grant from a funding body.

Interested?

Send a motivation letter and your CV by **15 April 2024** to msscsummerschool@gmail.com. We are forced to limit the number of students to 40 places (because of laboratory activities). So, be fast!

What's in it for Doctoral Students ?

New and honed skills

Participants are taught core analytical knowledge and skills directly related to quality of analytical data as addressed in the **ISO/IEC 17025 standard** (e.g. traceability, validation, uncertainty, decision rules and compliance testing, use of Proficiency Tests, Reference Materials and Internal Quality Control). Apart from this, because of the way the school is designed, participants are intensively trained in **transferable as well as entrepreneurial skills**, such as those needed for planning, time management, (intercultural) communication, team play and leadership. Many participants have explained that when applying for a job later, their experience in this summer school made them stand out and was often one of the main reasons for obtaining the job. Have a look at testimonials from previous participants at <http://www.msc-euromaster.eu> and see also <https://each.ut.ee/EACH/msc-summer-school-2022/>.



"in my job interview, we spoke mostly about the summer school"

Sander Sannik, Summer School 2013, now Lab Manager at Eurofins Group Tallinn, Estonia

Certificate 6 ECTS

Many doctoral students are expected to participate to conferences, courses and schools in the framework of a doctoral school. On successful completion, you will get a certificate equivalent to 6ECTS

A long tradition of quality teaching

The school was initiated by the European Commission Joint Research Centre, in view of the importance of quality assured data in the context of globalisation, international trade and many other policy areas. In 2024 it will be the **17th edition**. The teachers who have been running the school all have extensive experience either in lecturing in analytical science, or working in an accredited laboratory or acting as an accreditation assessor.

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!

