

*Performing analysis for your PhD project?
Join a unique international summer school!
On analytical science, metrology and accreditation (10th Edition)
9-22 July 2017, Druskininkai (Lithuania)*

FIRST CIRCULAR

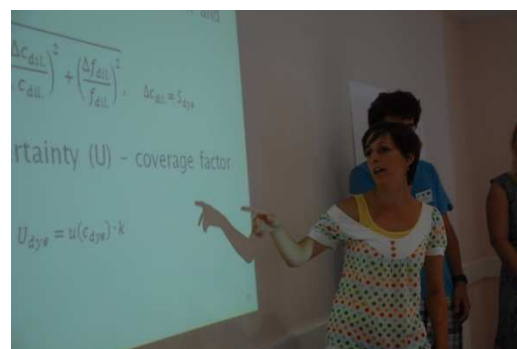
As a PhD student, you fully realise that good science requires good data. Data which you obtain from measurements, e.g. in **chemical and bio-analysis**. Reliable measurements are measurements obtained under proper **quality assurance** practices. Though many are taught analytical techniques in their science or engineering education, your courses rarely address the knowledge and skills required in the context of quality assurance. This is exactly the focus of this school. There is an international standard (ISO/IEC-17025) which explains the basics of such quality assurance.

This summer school, which lasts two weeks, will teach you all about this. Mind you, not in a boring way just by giving some lectures. We limit the number of lectures to a minimum and instead apply interactive and problem based learning. A very important part of this is an “analytical game” where people carry out a real analysis for a customer. We have a real laboratory set up for this at the venue.



A long tradition

The international school was initiated by the European Commission Joint Research Centre, in view of the importance of quality assured analytical measurement data for many European policies. In 2017 it will be the 10th year that this summer school takes place.



Teachers:

They have been running the school the past nine editions. They have extensive experience, either in lecturing analytical science, working in an accredited laboratory or in acting as an accreditation assessor.

What do you get out of it as a PhD student?

For the learning outcomes, have a look at the publication with DOI 10.1007/s00216-015-8804-1. After successfully completing the pre-school work, the examination, the laboratory work and the post-school assignments, 6 ECTS are awarded.

On top, you will acquire knowledge and skills which will help you to **assure the quality** of the measurements you use for your doctoral project.

Last but not least, you will also acquire knowledge and skills which will give you a **competitive advantage on the job market**. **Transversal and entrepreneurial skills** are crucial: team work, communication, planning, time management, working under pressure, intercultural skills, ... In fact, some alumni have been telling us in their job interviews, they spoke mostly about their summer school experience!

Worthwhile?

You bet. Many participants tell us it was a life changing experience. By the way, do not take the teachers' word for it. Contact those who participated in the past! How? Join us on the **Euromaster Measurement Science in Chemistry** Facebook page and directly ask them! Or look at this <https://www.facebook.com/AppliedMeasurementScience/>

Is it also fun?

This intensive school is also always great fun. During the course as well as after hours. Lithuania and also the city of Druskininkai has many hidden treasures (<http://wikitravel.org/en/Druskininkai>). It is a great spa resort, it has an aqua park and one of the greatest indoor ski facilities in Europe. On top, it is situated in some pristine nature.

Practical information

Location: The school will take place in Druskininkai, Lithuania, some 130 km both from the capital Vilnius and the city of Kaunas. Both cities have an international airport and several low budget carriers serve these cities.

Dates: 9-22 July 2017

Cost: the registration fee is 2500€ and this **includes all** tuition fees, training material, use of laboratory instruments and reagents, all social activities (welcome reception, closing dinner, excursions), all meals and accommodation.

Travel costs from your home town to Lithuania are not included, but an airport pick up is foreseen. For a limited number of participants, the participation fee can be reduced to 1500€ depending on available resources.

Interested? Send a motivation letter and a CV to mscsummerschool@gmail.com. We are forced to limit the number of students to 40 places (because of lab activities). So, be fast. We will tell you early 2017 whether you were selected.

