

*Join a unique international summer school!*  
*On analytical science, metrology and accreditation (10<sup>th</sup> Edition)*  
*9-22 July 2017, Druskininkai (Lithuania)*

*FIRST CIRCULAR*



As you are working in the quality infrastructure of your country, you fully realise the importance of reliable measurements, of the international standard (ISO/IEC-17025) and of the role of **metrology and accreditation** in the context of assuring quality.

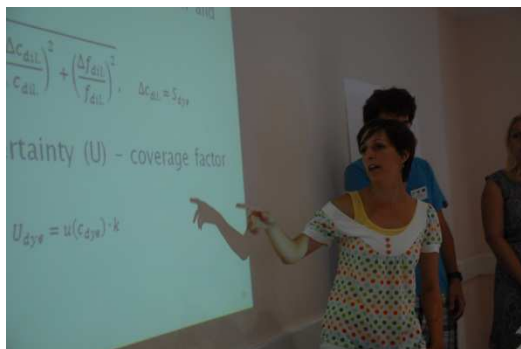
Particularly for **chemical and bio-analytical measurements**, it is not so straightforward how to interpret the requirements of the standard. This is exactly the focus of this school.

This summer school, which lasts two weeks, is 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 (the pedagogy of this is interesting in itself, in case you are a teacher yourself). This summer school is not only international and intercontinental, but also cross generational (also master and PhD students are involved). It is also very active as you will be engaged in an “analytical game”, sort of a challenge, where you will be part of a team carrying out a real analysis for a customer. We actually have a 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 data in the context of globalisation and international trade. This year will be the 10<sup>th</sup> year that this summer school takes place.





### Teachers:

They have been running the school the past nine editions and have extensive experience either lecturing in analytical science, working in an accredited laboratory or acting as an accreditation assessor. If you yourself are involved in training or teaching on these matters, it will be a great experience exchanging ideas.

### What do you get out of it as a professional, working in the quality infrastructure of your country?

Dozens of people with a similar profile to yours have joined the school. They found it an inspiring experience. How to manage traceability in chemical and bio-chemical analysis? What approaches to use to evaluate uncertainty in this area. What about decision rules and compliance testing? Or use of PTs and IQC. And how to apply all this during this analytical challenge, which by the way is also a laboratory intercomparison.

Do have a look at this publication in the ABC journal with DOI 10.1007/s00216-015-8804-1.

Do not take our word for it being special. Contact those who participated in the past! They worked for metrology and accreditation bodies. Here is a conversation between two such people from the 2016 summer school (<https://www.youtube.com/watch?v=eQbnyDFz2LA>)

### Practical information

**Location:** The school will take place in Druskinkai, Lithuania, some 130 km both from the capital Vilnius and the city of Kaunas. Both cities have an international airport.

**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. You will get a room in Hotel Dunaiva in Druskinkai, which is a great spa resort in the south of Lithuania (<http://wikitravel.org/en/Druskinkai>). There is lots of great nature around as well as an indoor ski facility. Travel costs from your home town to Lithuania are not included, but an airport pick up is foreseen.

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

