

# **Best Young Metrologist**

## **International Competition of COOMET**

Astana, Kazakhstan, 17-18 May 2017



## **CALL FOR PARTICIPATION**

The VII COOMET Competition "Best Young Metrologist", jointly organized by the COOMET Technical Committee TC 4 "Information and Training", the NMI of Kazakhstan as local host, by support of the Technical Cooperation department of PTB, will take place in Astana, Kazakhstan, on 17-18 May 2017.

The VII Competition is not restricted to COOMET Member Countries only, but open for young metrologists from all Regional Metrology Organisations (RMOs).

### ***Who can participate?***

Every young metrologist (no older than 35 on the date of the Competition), working at an NMI or closely cooperating with an NMI on a metrological topic, irrespective of academic degrees.

Typically, the total number of participants is 20 to 30, with usually max. 2 participants from the same country or NMI.

### ***What does it cost?***

There is no registration fee.

Every participant (or his/her NMI) is expected to cover the travel costs on his/her own, i. e. the visa fees, flight, hotel and other expenditures. Food and drinks are typically free of charge during the Competition itself and usually include a conference dinner as well. In some cases, the Technical Cooperation department of PTB can provide help.

### ***How to register?***

If you are interested to participate in the "Best Young Metrologist" Competition, please talk to your research group and the head of your group/department/division first and check whether they agree with your participation.

In some institutes, the Competition is officially announced, and usually a person will be named to collect all applications in the institute. If there is such a central person to handle all applications, please contact him/her as soon as possible to secure your "ticket".

Usually, this person will forward your application to the organisers and jury – please check this. If you are not sure, please contact us directly to ensure that your registration will be considered, and sometimes, the Technical Cooperation department of PTB can help on funding issues and give further practical advice.

If there are several young candidates for this Competition in the same institute, the institute may hold an internal pre-competition to select the "best" candidate(s) to represent the country in the International Competition.

### ***What to submit?***

For official registration, some forms (see attachment) need to be filled in and a scientific paper of 4 pages has to be written.

Deadline for registration & submission of papers for the International Competition "Best Young Metrologist 2017":  
**2017-02-28.**

All registration documents should be sent to the Organising Committee on addresses:

- Yuliya Bunyayeva, Secretary of TC 4, NSC "Institute of Metrology", Kharkov, Ukraine (+ 38 057 704 98 31, [coomet@metrology.kharkov.ua](mailto:coomet@metrology.kharkov.ua))
- Zhanar Yeleussizova, Lyailya Dyussikeyeva, RSE "KazInMetr", Astana, Kazakhstan (8 7172 27 09 84, [kazinmetr@mail.ru](mailto:kazinmetr@mail.ru); 8 7172 27 09 26, [kz\\_metrology@mail.ru](mailto:kz_metrology@mail.ru))



**Please fill in the following forms (see attachments):**

- Annex 6 - Basic personal data of the participant, plus names and signature of up to three co-authors
- Annex 7 - Background information on the participant, his/her professional career and key figures
- Annex 8 - Confirmation of your nomination, plus information on the importance of your work for the NMI and your country in general (e. g. if your work supports metrology in one of the key industries in your country, or if it helps to address the key challenges your country is facing, is part of the strategic concept for the development of your country/economy/society, etc.) so that the jury can better understand the context and significance of your work.

Usually, these forms should be signed by the President/Director of your NMI or another high representative, and possibly stamped. Please send the scanned version by e-mail.

Secondly, please write a scientific paper (in English) and submit it in Word and, if possible, in PDF:

- max. 4 pages incl. all figures, tables, equations, etc. that need to be embedded in the paper
- left margin 3 cm, top/bottom/right margin 2 cm
- Arial 11 pt, single line spacing

The paper needs to include:

- paper title
- main author and up to three co-authors and their affiliation, full contact details of the main author (postal address, phone & fax, e-mail)
- abstract
- introduction
- further chapters
- summary/outlook
- references

The great skill demanded in this paper is to build a bridge from the general metrological world to the particular focus and finally achievements of your work. Consequently, the great challenge is - on the one hand - to introduce the reader to the topic in an easily understandable way so that an ordinary technically/scientifically minded person is able to follow you and to understand the context and relevance of your work. On the other hand, you need to carefully guide the reader to the particular aspects of your own work in order to describe the progress that you (and possibly your co-authors) have achieved.

Please note that both the quality of the scientific work and the quality of its presentation are equally important in this Competition.

### ***The Competition itself***

The papers submitted to the organisers will be distributed among jury members and are part of the evaluation. The second and usually more important part is the oral presentation of about 15/20 minutes (in English). Similar to the paper, both the quality of the presentation mode and the scientific contents matter here. Remember that the key focus of the Competition is to encourage young metrologists to convincingly convey the key aspects of their high-quality work to the audience.

The jury consists of experienced metrologists from several NMIs / RMOs. Each jury member is asked to evaluate the oral presentation + the submitted paper according to the criteria in Annex 9, with 4 criteria referring to the innovation of the work presented, and 3 to the quality of presentation, with the different weights specified.

At least the three best young metrologists are awarded prizes.

As the presentations are first and foremost not for the jury, but for the participants themselves, also the participants are encouraged to be a 2<sup>nd</sup> jury and to make up their minds on their co-candidates, so that they select their best presentation as well the participants' prize will be awarded.

The competition usually takes 2 days so that you have to spend 2 or 3 nights in Astana.



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Usually, there will be some kind of excursion or cultural highlight in the evening of the first day (at least), followed by the conference dinner and a party. It is usually a great pleasure to meet so many young colleagues from very different countries in such a friendly and peaceful environment!

We would be happy to welcome many young colleagues who are eager to present their work convincingly, to discuss scientific matters, and – last but not least – to get pleasure from communication with other participants.

If you have any questions, please feel free to contact us.

Organising Committee:

- Yuliya Bunyayeva, [coomet@metrology.kharkov.ua](mailto:coomet@metrology.kharkov.ua)
- Zhanar Yeleussizova, Lyailya Dyussikeyeva, [kazinmetr@mail.ru](mailto:kazinmetr@mail.ru); [kz\\_metrology@mail.ru](mailto:kz_metrology@mail.ru)