

INFORMATION OF INTERNATIONAL EVENTS OF THE TECHNOLOGICAL STRATEGY CHAMPIONSHIP IN METALLURGY the «4TH INDUSTRIAL REVOLUTION»

The international technological strategy championship in metallurgy “Metal Cup” (metal-cup.org) is a professional command competition of youth international teams from technical universities and vocational educational institutions (technical schools and colleges) in the solution of urgent industry tasks (cases) and development of project solutions in the industry.

The aim of the championship is developing human capacity of the metallurgical industry, strengthening of international contacts and cooperation of young specialists of the countries, integration of the best students to elaborate complex technological strategies for the development of key investment projects in metallurgy.

The main technology used in the championship is the case-method which is widely used to solve industrial development tasks. The case used in the championship is a structured analytical review of the current activities of an enterprise (industry) with a direct relationship with the real working environment in production. Championship participants need to study the material presented in the case, assess the production situation, form a list of narrow links, propose and justify the most effective solution.

The Championship of the technological strategy “Metal Cup” is a traditional action among young specialists of a metallurgical industry since 2015. In 2016 the first Russian Championship was taken by young people from 8 subjects of the Russian Federation and 35 industrial partners. In 2017 participants of the Championship were students of 5 BRICS countries and in the territory of the Russian Federation the number of qualifying stages increased to 14 (12 regions). In 2018 more than 22 cities of the Russian Federation and over 2000 participants participated in the Championship. 14 teams from technical universities and colleges went to the Final, the conduction was organized at the site of the South Ural State University in Chelyabinsk.

The new topic of the Championship in 2018-2019 is the “4th Industrial Revolution”. Participants and experts will consider a number of issues related to the digitization of metallurgy, the involvement of industrial waste in recycling, the construction of new forms of interaction between enterprises with different products, the emergence of new products and markets.

The main event of the Championship is the International final which will be held in period from 15 to 20 September in Krasnoyarsk (Russia) the capital of the winter student games 2019. The final will be held in conjunction with the largest International Congress “Non-Ferrous Metals and Minerals 2019” (nfmsib.ru) and more than 10 student teams from different countries will take part in it.

Acquisition of teams is at the discretion of the participating countries of the Championship among university students. The number of team members should be from 3 to 5 people excluding the training coach.

The key dates of the International final:

- until July 1- accepting applications for participation from universities;
- until August 1- sending information about the participants of the Championship (students, mentors, accompanying persons)
- from August 10 to September 1- work on the preparation of the solutions of the case to the organizing committee;
- from September 15 to 20 – holding the Championship final.