

NGN Forum program & NGN Forum activities at the NGN Booth

Title of the Forum: “In close connection with industry”

Track 1: Youth aspirations from CIGRE

Description: promotion of ideas and positions that reflect young people’s views from different NGN CIGRE communities, scientific activities, career prospects, etc.

Participants: 4-5 NGN representatives (5 min for the presentation)

We’re inviting the NGNs to participate in this activity in the following forms:

1. Oral presentations (5 mins) for maximum 5 NGNs

We kindly ask NGN representatives to confirm their willingness to participate in Track 1 (for those, who have agreed to take part previously) and we’re inviting other NGN to participate. Please, mail Stanislav Eroshenko (s.a.eroshenko@urfu.ru) and Ann Tusheva (tusheva-av@fsk-ees.ru) **by the 25th of December 2020** with the following information:

- *The country of origin of the NGN community, the information about the potential presenter: First name, Last name, High-resolution photograph, NGN position, Short auto-biography (4-5 sentences on professional experience, educational background, CIGRE activities), short keynotes of the presentation (up to 5 points);*

2. Call for questions. For those, who are not willing to present at the NGN Forum, please provide feedback with the list of the expectations of Young members from CIGRE (up to 5 points). The organizing committee of the NGN Forum will provide analysis of the key points, that were addressed by the NGN community. Please, mail Stanislav Eroshenko (s.a.eroshenko@urfu.ru) and Ann Tusheva (tusheva-av@fsk-ees.ru) **by the 25th of December 2020** with the question list.

Track 2: Best practices of global universities

Description: opportunity for young technicians to learn about new educational programs applied in global universities to meet up-to-date industry requirements. The objective of the track is to reveal the educational background of the power industry global transformation.

Participants: 3 representatives of universities (5 min for presentation)

It would be great if we could attract representatives from multiple international universities to present new educational programs. The NGNs are invited to submit the candidate Higher educational Institutions from their countries with their breakthrough educational background and educational programs, meeting the up-to-date needs of the industry. We kindly ask NGN representatives to submit the candidate HEIs to Stanislav Eroshenko (s.a.eroshenko@urfu.ru) and Ann Tusheva (tusheva-av@fsk-ees.ru) **by the 25th of December 2020** with the following brief information:

- 1. Name of the HEI, department.**
 - 2. Contact person for further communication (either from NGN or directly from the HEI).**
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Track 3: Your opportunities – our countries

Description: objective of the track is to learn about opportunities of NGN members professional activity development at the global level, gaining experience of international collaboration using the up-to-date team-working tools and platforms.

Participants: NGN representatives

The track is planned to be organized in the form of the agenda-setting report and the live discussion. The corresponding report will be sent to the NGN Communities upon approval in Spring 2021 in order to get the feedback and plan the discussion.

Currently, no action required.

At YM Booth we will have the following activities:

Booth activity 1: Atlas of future Power&Energy professions

Description: Modern power industry is becoming even more focused on the customers, with personification of customer's preferences and expectations from the grid services. At the same time, global transformation of the energy sector is still associated with the need to meet the fundamental requirements: reliability, security, quality of power supply. The main drivers of qualitative and quantitative changes in the energy sector will be associated with the need to increase the degree of automation of technological and market processes, the implementation of modern information systems and communication tools that provide the ability to adapt the technological process to the needs of end users in real time, as well as the improvement of the environmental performance of the industry as a whole. In addition to professional competencies, knowledge and skills in related technical, economic and social fields it will form the basis for the specialist's employment and innovative development in the power industry of the future.

The main goals are:

- to form the list of required competencies, knowledge and skills for graduates and young professionals in the context of Power industry transformation;
- to specify key changes and profession development trends in power industry concerning the emergence of fundamentally new professions and disappearing of the old ones;
- to set main directions for professional activity development according to external economic impacts and industry features of different countries;
- to understand the NGN in CIGRE and industry transformation.

Participants: NGN representatives, Booth quests (10 mins for each approved NGN report).

We're inviting the NGN communities to take part in the global professional labor market foresight. The participants are expected to provide their original point of view on power industry professions of the future. For those NGN representatives, who are interested, please send the confirmation mail to Stanislav Eroshenko (s.a.eroshenko@urfu.ru) and Ann Tusheva (tusheva-av@fsk-ees.ru) **by 25th of December 2020** with the following information:

The country of origin of the NGN community, the information about the potential presenter: First name, Last name, High-resolution photograph, NGN position, Short auto-biography (4-5 sentences on professional experience, educational background, CIGRE activities).

Dialogue as Equals

Description: Unique opportunity for young people to hear the success stories of top-managers from power energy companies, to gain experience of «live communication» and to ask questions

Participants: 4-5 top-managers of power energy companies (on different days by agreement)

The organizational procedure will start in Spring/Summer 2021, when the preliminary CIGRE 2021 Session program will be available.

Currently, no action required.

For further questions, please contact Stanislav Eroshenko

e-mail: s.a.eroshenko@urfu.ru

mob.: +79120333335