

ICL Special Session Call for Papers

Title

Regional Development: New Challenges to Engineering Education

Acronym

RegDev/EngEdu

Overview

In 2021, The 6th Annual International Network Research to Practice Conference "Synergy-2021" will be held and sponsored by Gazprom. The conference aims at exploring the international and Russian experience of new standards and technologies in engineering education (CDIO, NBICS, STEAM, MOOC, CE/PLM, etc.) for training competitive professionals to excel in petroleum, gas and chemical industry. This year, the conference will focus on the topic 'Regional Development: New Challenges for Engineering Education - Synergy-2021'.

Traditionally, the conference comprises network and plenary sessions in different cities of Russia and partner countries including round tables, expert workshops, panel discussions, video-conferences, and online sessions. During the last years, the topics of the conference matched the main trends of IGIP/ICL Conferences. The Special Session is of a great importance for regions of Russia to follow the agenda of universities supported by Gazprom. These universities are regional development drivers, their digital educational technologies mitigate the risks of repeating emergencies and contribute to Gazprom personnel development. The Special Session will encourage reports and discussions on experiences of different countries in solving regional development problems.

Topics

- Digital technologies for the implementation of additional professional education program
- Culture and Multitude of Learning Models: Using Digital Educational Resources in Solving Applied Problems
- Public policy in engineering education
- Academia-Industry partnerships

ICL2021

„Mobility for Smart Cities and Regional Development – Challenges for Higher Education“

TU Dresden und HTW Dresden, Germany, 22-24 September 2021

Program Committee

Chair(s)

Mansur Galikhanov, *Kazan National Research Technological University, Russia*
mgalikhanov@yandex.ru

Members

Tiia Ruutmann Tallinn University of Technology, Estonia tiia.ruutmann@taltech.ee

Svetlana Barabanova, *Kazan National Research Technological University, Russia*
sveba@inbox.ru

Julia Ziyatdinova *Kazan National Research Technological University, Russia*
uliziat@yandex.ru