

Title of the session: Educate but how? Challenges for technical education.

Date: 12.04.2019

Location of organization of the thematic session- KWK Pniówek

Time: 12.00 - 15.00

Supervisor of the session - dr Aldona Urbanek, tel. 576 820 300, aldurbanek@jswsig.pl

Leader of the session- dr hab. Inż. Marek Borowski – AGH Kraków

Description of the session:

New technologies and innovative solutions have come to our reality for good. They are present in almost every area of life, also in technical education. How to use them methodically and derive them in an optimal way?

Experts will answer this and many other questions during this panel. The intention of the organizers is that the session becomes a forum for exchanging experiences and ideas about interesting ideas for enriching traditional forms of learning with the possibilities offered by modern technologies. Adult education is fostered by extremely fast technological changes, labor market requirements and knowledge society. We already know today that everyone working during their careers will change their professional qualifications several times and will need education based on the most attractive methods for this purpose.

Conference participants will learn, among others good practices of using Virtual Reality technology during trainings, international education, dual education, educational projects under Raw Materials, implementation doctrines. A stand with 4 stations for the implementation of the VR application will be organized for participants. Speakers will be representatives of the Silesian University of Technology, AGH University of Science and Technology and JSW Szkolenie i Górnictwo Sp. z o.o.

Agenda:

- 12.00 – 12.05 Ceremonial start of the session, speech of A. Dyczko
- 12.05 – 12.20 Teaching through experience - , Barbara Michałek-Piernik, , Regionalny Ośrodek Doskonalenia Nauczycieli "WOM" w Bielsku-Białej.
- 12.20 – 12.35 Structural and organizational changes in vocational training - Piotr Tokarz, Principal of Zespół Szkół Technicznych w Rybniku.
- 12.35 – 12.50 Teaching in the Faculty of Mining and Geology in cooperation with mining industry
Ph.D. (Eng) Sergiusz Boron, Faculty of Mining and Geology, Silesian University of Technology
- 12.50 – 13.05 Educational projects as part the Erasmus+ student exchange programme – Prof. Ph.D. (Eng) Marek Borowski Deputy Dean for cooperation, Faculty of Mining and Geoen지니어ing Department, AGH University of Science and Technology
- 13.05 – 13.30 Coffee break
- 13.40 – 14.00 Continuous education – new competences, new possibilities, Szymon Łagosz.
The Central Mining Institute
- 13.45 – 14.00 Future key competences in changing technical education, Aneta Henda. LW Bogdanka
- 14.00 – 14.15 VR teaching technique – Ph.D. Aldona Urbanek, JSW SiG
- 14.15 – 14.45 Session summary
- 14.45 – 15.30 lunch