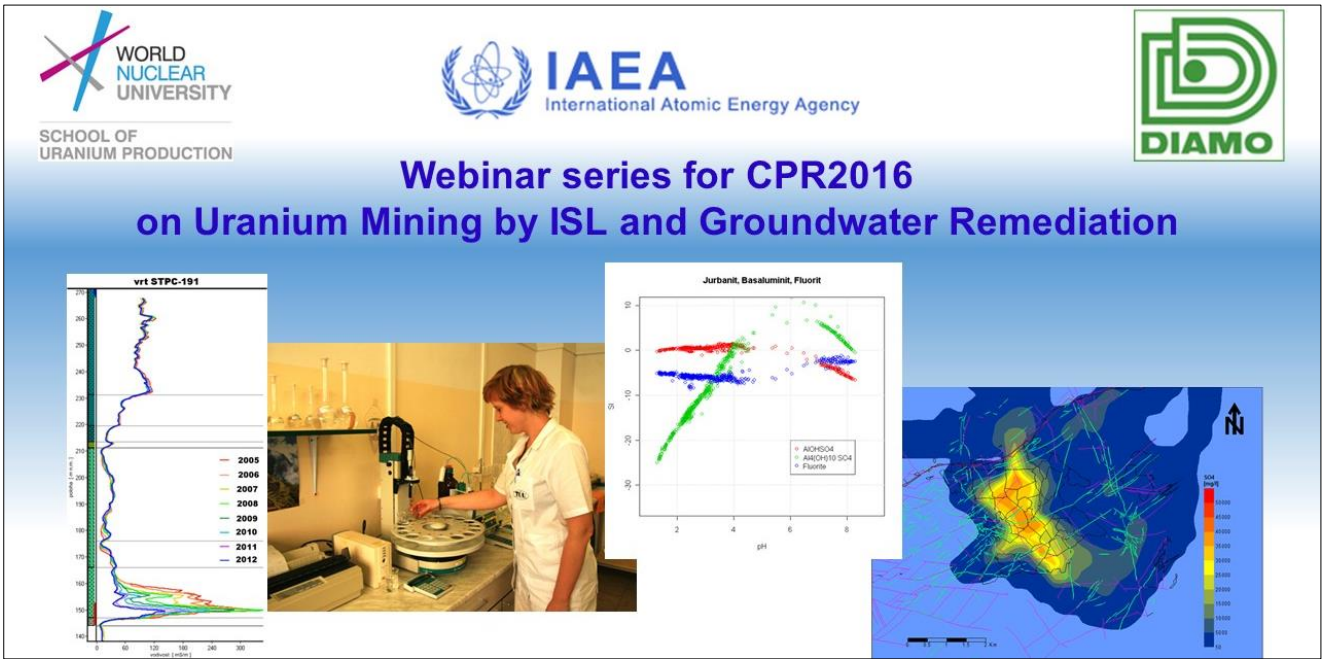
Webinar UMIGR 2021

Webinar series for CPR2016 on Uranium Mining by ISL and Groundwater Remediation

May 31, – June 4, 2021

DIAMO, s. p. - International Training Centre/WNU School of Uranium Production in Stráž pod Ralskem, the Czech Republic



Last year, the situation with the global coronavirus pandemic did not allow the World Nuclear University School of Uranium Production of the state enterprise DIAMO to organize so popular training courses for specialists from different parts of the world. All over the world, there were various restrictions that made travel impossible. However, it has not decreased interest in training courses in uranium mining and remediation of the consequences of mining.

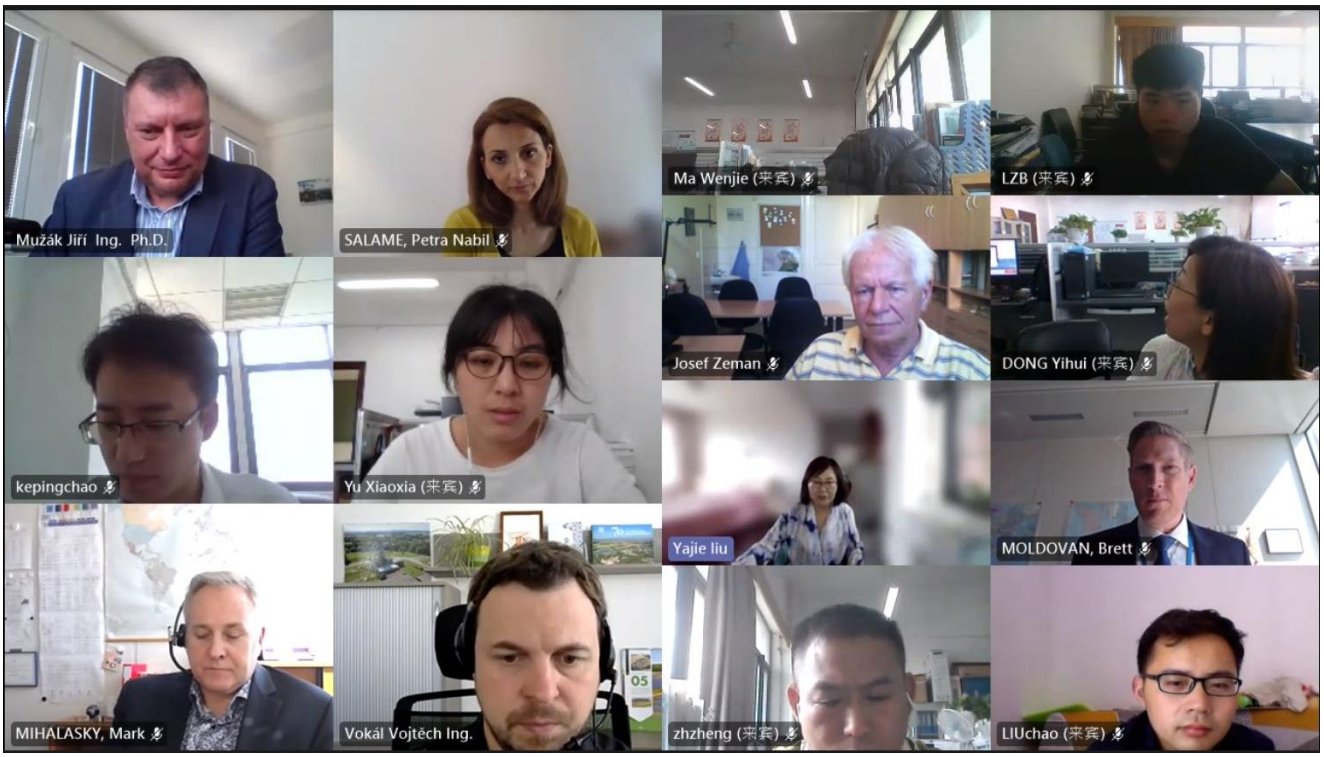
At the end of last year, the International Atomic Energy Agency (IAEA) asked us to try to implement a project in which we would move some technical topics into virtual space. So we were faced with the challenge of how to create and organize an interesting training course in a virtual environment, which is unique and attractive under normal conditions thanks to the personal contact of participants and trainers, practical training and demonstration of technology and excursions directly into operating technologies. Although it was definitely not easy, we had to deal with, for example, the time difference between participants and lecturers, and finally we managed to create a five-day scheme for a series of webinars on uranium mining by ISL and groundwater remediation. We then realized this series at the end of May and the beginning of June this year.

The course focused on the following topics:

- Remediation techniques after the end of uranium mining, operation of mining by ISL, management and training;
- Methods of uranium mineralogy analysis and results of laboratory tests as input data of geochemical models;
- Interaction between solution and rock in uranium mining by ISL and bioleaching;
- Principles of radiometric survey and calibration of radiometric instruments;
- Modelling of flow and transport for uranium mining by ISL.

The lectures were given by the top experts from the Czech leading organizations like DIAMO, s. e, Faculty of Sciences of the Charles University in Prague, VSB - Technical University in Ostrava, Faculty of Sciences of the Masaryk University in Brno and research institute Helmholtz-Zentrum Dresden-Rossendorf.

This series of webinars was unique in its focus and, above all, its scope. The IAEA attached particular importance to this. Feedback from IAEA experts and participants showed the high quality of lectures and organizational arrangements.



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