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| **21 JUNE 2018 | HALL 6 «Zinc»** |
| **Session: Geotechnology of drillhole in-situ leaching** |
| Chairman of the Session:  | Ryspanov Nurlan Bektasovich, Doctor of Technical Sciences, Honorary Member of NAS RK, President of NAMS of Kazakhstan |
| Moderators:  | Molchanov Anatoliy Alexandrovich, Doctor of Technical Sciences, Professor, St. Petersburg Mining UniversityGaliyev Seytgali Zholdasovich - Doctor of Technical Sciences, Professor, corr. member of NAMS of the RK |
| 10:00  | Opening of the sessionRyspanov Nurlan Bektasovich, *Doctor of Technical Sciences, Honorary Member of NAS RK, President of NAMS of Kazakhstan* |
| 10:15 | Technology of underground block leaching at underground mines of “ VostGOK ”J. Vilkul, *Doctor of Technical Sciences, Professor, President of Academy of Mining Sciences of Ukraine, Ukraine* |
| 10:30 | Investigation of fracturing of the productive layer by the explosive effect for the intensification of uranium mining by the method of underground leaching Yu.D. Norov, *Doctor of Technical Sciences, Professor, Head of the Mining Bureau of the Central Scientific Research Laboratory of the Navoiy Mining-and-Metallurgical Integrated Works , Uzbekistan*B.R.D. Raimzhanov, *Professor, Vice-Rector of the Navoiy Mining Institute, Uzbekistan*  |
| 10:45 | Logging of fission neutrons to determine uranium content in wells in hydrogen deposits processed by drillhole leaching A. G. Talalay, *Doctor of Geological and Mineralogical Sciences, Professor, General Director of Concern “Nedra”, Russia* |
| 11:00 | Application of plasma-impulse technology to increase extraction of uranium deposit «INKAY» of the Republic of KazakhstanA. Molchanov, *Doctor of Technical Sciences, Professor, St. Petersburg Mining University, Russia* |
| 11:15 | Increase of efficiency of technological wells of uranium by eliminating of colmatation of filter by explosive action I.T. Mislibayev, *Dean of Navoiy Mining Institute, Mining Faculty, Uzbekistan*A.Yu*.* Norov*, Master of Science, Executive Director of non-state educational institution Impuls-Innovatsiya Navoiy, Uzbekistan* |
| 11:30 | Coffee break |
| Moderators: | Raimzhanov Bahadur Raimzhanovich, Doctor of Technical Sciences, Professor, Vice-Rector of Navoiy Mining Institute, Deputy Director for Science, Institute of Geotechnology and Non-ferrous Metallurgy, UzbekistanTemirkhanova Raushan, PhD, Satpayev Kazakh National Research University, Kazakhstan |
| 12:00 | Determination of geological and geotechnological parameters of ore-bearing rocks according to GIS methods for mining of uranium deposits by ISL methodR. Temirkhanova, *doctor PhD, Satpayev Kazakh National Research Technical University, Kazakhstan* |
| 12:20 | Development of technology for mountain based hydrogenic uranium depositsE. Oringoja, MNS, Mining Institute after D.A. Kunayev «NC CPMRM» RSE, Kazakhstan |
| 12:40 | Innovations today and tomorrow R.Khanoyev*, Development Director , PolyMetal , Russia* |
| 13:00 | lunch |
| Moderators: | Alexander Grigorevich Talalay, Doctor of Geological and Mineralogical Sciences, Professor, Ural State Mining University, General Director of Concern “Nedra”, RussiaZhatkanbayev Yerlan Yerzhanovich, Doctor of Technical Sciences, associate professor, head of Laboratory of KazGMI, Kazakhstan  |
| 14:00 | Russian experience of downhole leaching of goldM. I. Fazlullin, *Doctor of Science, Professor, Academician of RANS, General Director of “Scientific and Production Enterprise GEOTEP”, Russia* |
| 14:20 | Development of deposits of metallic combustible shales in the wellB.R. Raimzhanov, *Deputy Director for Science, Institute of Geotechnology and Non-Ferrous Metallurgy, Uzbekistan* |
| 14:40 | Supergeotechnology of mining and obtaining of metals in-situ. V.I. Nifadyev, *Academician of NAS of Kyrgyz Republic, Doctor of Technical Sciences, Professor, Academician of NAS of Kyrgyzstan, Rector of Yeltsin KRSU, Kyrgyzstan,* A.A. Kovalenko, *Ph.D., Yeltsin Kyrgyz-Russian Slavic University, Kyrgyzstan* |
| 15:00 | Innovative technology for systems of development of combined mineral resources E. Oringozhin, *Head of Lab., Branch of the RSE «NC CMP» Kunayev IMA, Kazakhstan*M. Bitimbayev, *sns, Branch of the RSE «NC CMP» Kunayev IMA, Kazakhstan*E. Dzhumabayev, *sns, Branch of the RSE «NC CMP» Kunayev IMA, Kazakhstan* |
| 15:15 | Comparative analysis of economic efficiency of gold production on placer deposit using bulldozer-stripper and in-situ leaching methods E.E. Zhatkanbayev, *Doctor of Science, Scientific Supervisor, NPO «Energy-saving Technologies», Kazakhstan* |
| 15:30 | Сurrent problems with development of ISL wells and their solutions A. K. Omirgali, *Master of Science in Engineering, Manager of JSC «NAC “Kazatomprom», Kazakhstan*A. A. Mushrapilov, *Chief Technologist of PNTBP JSC “Volkogeology”, Kazakhstan* |
| 15:45 | Discussion |
| 16:00 | Coffee break |
| 16:30 | Post-Mining: A Global Challenge. J. Kretschmann, *Professor,* *President of Technical University Georg Agricola, Germany*D. Lescano, *Master*, *Environment and Development, National University of Colombia, Colombia*  |
| 16:40 | Advanced in-situ recovery (ISR) technology for uranium and technology metals – from innovative exploration to optimized recoveryM. Zauner, *Geologist, UIT GmbH Dresden, Germany* |
| 17:00 | Technology of processing of the Intermediate site of tungsten-molybdenum ores Koktenkol fieldYa. Grazhdanova, *Director of science, Dala Mining, Kazakhstan* |
| 17:15 | Theory and methods for determination of on-board content of uranium for hydrogen depositsN.B. Ryspanov *President of NAMS, Doctor of Technical Sciences, Honorary Member of NAS RK., Kazakhstan*N.N. Ryspanov *LLP NIPI “Kaztekhproject”, Kazakhstan* |
| 17:30 | Closure of the session. Summarizing.  |