

**8<sup>th</sup> International Conference “Resource Reproducing,  
Low-wasted and Environmentally Protecting Technologies  
of Development of the Earth Interior”  
September 14–18, Tallinn 2009, Estonia**

About 60 people participated in the 8<sup>th</sup> international conference “**Resource Reproducing, Low-wasted and Environmentally Protecting Technologies of Development of the Earth Interior**”, 30 scientists from five countries among them. Conference proceedings include more than 170 publications by scientists and researchers of ten countries: Estonia, Russia, the Ukraine, Kazakhstan, Uzbekistan, Tadzhikistan, Latvia, Germany, Kyrgyzstan, and Peru. Conference sessions were divided into five sections: 1) Environmentally protected development of mineral deposits. 2) Complex usage of Earth interior and raw minerals. 3) Geoecology: burial and transformation of liquid waste in lithosphere. 4) Economy of effective Earth interior usage. 5) New technology and equipment and development of mineral resources. The sessions were held during three days, followed by the day of closing ceremony. The final day was spent on technical excursion to „Aidu” open cast to watch blasting works and to visit Kohtla-Nõmme Mining Museum and Kukruse Oil Shale Museum.

Prof. Rein Vaikmäe, Vice-Rector for Research at Tallinn University of Technology and Prof. Ingo Valgma, director of Department of Mining at Tallinn University of Technology, welcomed all participants of the 8<sup>th</sup> International Conference at the opening ceremony. The chair and scientific secretary of the 8<sup>th</sup> International Conference Dr. Sergei Sabanov opened the plenary session in the hope that presentations and fruitful discussions will be of deep scientific interest. In his keynote speech he reported about sustainable development in mining and presented the aspects for sustainability of Estonian mining industry, importance of scientific methods in assessment of modern technologies. Dr. Sergei Sabanov emphasized that the mining industry has to change its practice by developing and implementing a variety of technologies and excavation methods compatible with the principles of sustainability. Invited speaker Dr. Oleg Nikitin, head of department of development at Eesti Energia Kaevandus Ltd. told about new prospects of development of oil shale mining in Estonia. The other invited speaker Dr. Enno Reinsalu made an overview of the history of mining industry in Estonia during 90 years including development and changes.

*Sergei SABANOV*