## Forum Programme

3-4 April 2019

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Learn more at www.minexkazakhstan.com
Programme at a glance

3 APRIL
Radisson Astana
Sary Arka 4 Avenue
Nur-Sultan 010000
Republic of Kazakhstan

08:30 – 09:30
COFFEE

09:30 – 09:45
KEYNOTES

09:45 – 11:00
PLENARY SESSION 1

11:00 – 11:30
COFFEE BREAK

11:30 – 13:00
PLENARY SESSION 2

13:00 – 14:00
LUNCH

14:00 – 15:30
PANEL DISCUSSION 1

14:00 – 15:30
TECHNICAL SESSION 1

15:30 – 16:00
COFFEE BREAK

16:00 – 17:30
TECHNICAL SESSION 2

16:00 – 17:30
TECHNICAL SESSION 3

18:00 – 20:00
NETWORKING DRINKS
08:30 – 09:15
COFFEE

09:15 – 11:00
PLENARY SESSION 2

11:00 – 11:30
COFFEE BREAK

11:30 – 13:00
TECHNICAL SESSION 4

13:00 – 14:00
LUNCH

14:00 – 15:45
TECHNICAL SESSION 5

14:00 – 15:45
TECHNICAL SESSION 6

15:45 – 16:15
COFFEE BREAK

16:15 – 17:45
PANEL DISCUSSION 2

17:45 – 18:15
MINETECH AWARDS PRESENTATION

18:30 – 21:00
GALA DINNER

08:30 – 09:30
WORKSHOP FOR IR/PR MANAGERS

09:30 – 10:45
MINETECH BUSINESS

10:45 – 11:00
BREAK

11:00 – 13:00
MINETECH UNIVERSITY

13:00 – 13:30
TECHNICAL CASE CHALLENGES

13:30 – 14:00
LUNCH

16:00 – 17:45
CASE SOLUTIONS PRESENTATIONS
08:30 Welcome coffee – Sary Arka 2

09:30 Keynotes – Sary Arka 1

09:45 – 11:00 Plenary session 1: Mining development in Kazakhstan: Milestones and Key Trends – Sary Arka 1

Moderator: Jeff Parshley | Group Chairman and Corporate Consultant, SRK Consulting (US)

09:45 Improving the legislation of the Republic of Kazakhstan in the field of subsoil use
Timur Toktabayev | Vice-Minister, Ministry of Industry and Infrastructure Development of The Republic of Kazakhstan

10:00 Top 10 business risks facing mining and metals in 2019-20
Victor Kovalenko | Director, EY

10:15 The roadmap for the improvement of legislation in the field of subsoil use of the Republic of Kazakhstan
Nikolay Radostovets | Executive Director, The Republican Association of Mining and Metallurgical Enterprises

10:30 Trumpeting a New Era in Yilmaden’s Operations: Smart mining
Dr. Alp Malazgirt | CEO, Yilmaden Holding

10:45 Kazakhstan’s position and share in global copper and zinc concentrates markets and focus on the main trends in the global markets relevant for Kazakh exporters
Adina Sholanova | Consultant, CRU Group

11:00 – 11:30 Coffee break – Sary Arka 2

11:30 – 13:00 Plenary session 2: Practical steps towards the implementation of the Subsoil Use Code in Kazakhstan during transition period through 2024 – Sary Arka 1

Session sponsors: Olympex Advisers and Haller Lomax

Moderator: Rusian Baimishev | Director of the Subsoil Use Management Department, Ministry of Industry and Infrastructural Development of The Republic of Kazakhstan

11:30 The main innovations in the Code of the Republic of Kazakhstan "On Subsoil and Subsoil Use".
Rusian Baimishev | Director of the Subsoil Use Management Department, Ministry of Industry and Infrastructural Development of The Republic of Kazakhstan

11:40 The program of management of the state fund of mineral resources
Akbaty Nadyrbayev | Chairman, Committee of Geology and Subsoil use, Ministry of Industry and Infrastructural Development of The Republic of Kazakhstan

11:50 National Data Bank of Mineral Resources of the Republic of Kazakhstan
Alibek Irgailyev | Director, "National Data Bank of Mineral Resources of the Republic of Kazakhstan" project, National Geological Prospecting Company "Kazgeology"

12:00 Provisions for the implementation of the Subsoil Code
Timur Odilov | Partner, Haller Lomax

12:10 Transition period for subsoil use contracts
Diyar Ereshev | Managing Partner, Olympex Advisers

12:20 Key Factors of Effective Transition to International Public Reporting Standards
Sauie Urazayeva | Executive director, KAZRC Association

12:30 – 13:00 Q&As
Panellists: Jeff Parshley | Group Chairman and Corporate Consultant, SRK Consulting (US)
Georgiy Freiman | Chairman of the Executive Committee, Professional Society of Independent Experts of the Subsurface Resources (PONEN)

13:00 · 14:00 Lunch – Sary Arka 4
14:00 - 15:30  Panel discussion 1: Mining in Kazakhstan: Success stories – Sary Arka 1

Moderator: Victor Kovalenko | Director, EY

14:00  Why invest into Kazakhstan?  
Marat Birimzhan | Deputy Chairman of the Management Board, Kazakh Invest

14:15  Choosing project exit strategies  
Rustem Ospanov | Partner, Resource Capital Group

14:30 – 15:30  Discussion: Key success elements of establishing new businesses and transformation of existing enterprises in Kazakhstan’s mining sector  
Panellists: Dr. Alp Malazgirt | CEO, Yilmaden Holding  
Davron Rustamkulov | Managing Director, Central Asia Partnerships

14:00 – 15:30  Technical session 1: Developing a ‘green’ mining economy in Kazakhstan – Sary Arka 3

Moderator: Jane Joughin | Corporate Consultant (Environmental & Social Management), SRK Consulting (UK)

14:00  Application of the new environmental code in the mining and metallurgy sector  
Talgat Temirkhanov | Director of the Department of Ecology and Industrial Safety, The Republican Association of Mining and Metallurgical Enterprises

14:15  Environmental regulation in OECD countries: key aspects for subsoil users in Kazakhstan  
Dalida Yerkuliyeva | Environmental expert, EY

14:30  Mine liquidation requirements under Kazakhstan Subsoil and Subsoil Use Code  
Zhanar Faizuldaiyeva | Associate environmental consultant, SRK Consulting (Kazakhstan)

14:45  Mine Waste Management as a Path to Sustainable Project Development  
Yelena Borovikova | Non-mining Project Manager, Wardell Armstrong International

15:00  Safety culture development  
Artur Baibulatov | Manager of Environment, Health, Safety and Administration services department, Philip Morris Kazakhstan

15:15 – 15:30  Q&As

15:30 - 16:00  Coffee break – Sary Arka 2

16:00 - 17:30  Technical session 2: New opportunities and prospects for attracting investments and financing projects under the new Subsoil Use Code – Sary Arka 1

Moderator: Davron Rustamkulov | Managing Director, Central Asia Partnerships

16:00  EBRD’s approach to due diligence in financing mining projects  
Ksenia Manyushis | Principal Banker, European Bank for Reconstruction and Development

16:15  Accessing Global Capital Markets Through London  
Ayuna Nechaeva | Head of Europe, Primary Markets, London Stock Exchange Group

16:30  Attracting investment to junior mining companies via Astana International Exchange  
Arman Tastanbekov | Chief Legal Officer, Astana International Exchange

16:45  A practical approach to selecting an exit strategy  
Stefan Scholz | Managing Partner, Scholz von Gleich

17:00  Structuring of a mining company for efficient sale to a strategic investor  
Almat Daumov | Partner, GRATA International

17:15  Preparing an exploration or mining project for investment  
Mike Beare | Director and Corporate Consultant, SRK Consulting (Kazakhstan)
16:00 – 17:30  Technical session 3: Digitalisation in the mining industry: tools to improve production – Sary Arka 3

Moderator: Mykhailo Nazarenko | CEO, K-MINE

16:00  Skills and People Development and Mining 4.0: The Role of HR in Capacity Building
Simon Elsy | Senior Mining Consultant, People 1st International

16:15  Transformations of IT architecture of the Holding
Alexander Grevtsev | IT Director, Kazakhmys

16:30  Automating process planning and management at mining ventures
Mykhailo Nazarenko | CEO, K-MINE

16:45  The power of single geological environment
Alexander Tyunyatkin | Regional Director, Russia and CIS, Seequent

17:00  Digital solutions for business processes optimisation at mining enterprises
Vera Muzgina | Research analyst, VIST Asia

17:15  AGR — a simple tool to work with a geological database
Rostislav Bilik | Director General, AGR Software

18:00 – 20:00  Drinks – Sary Arka 2
08:30  Welcome coffee – Sary Arka 2

08:30 - 09:30  Workshop for IR /PR managers: How can companies talk? – Sary Arka 3
Presenter: Sergey Stanovkin | Managing Director, Dars Consulting

09:30 – 11:00  Plenary session 3: Prospects for the development of new exploration and mining projects – Sary Arka 1
Moderator: Mike Beare | Director and Corporate Consultant, SRK Consulting (Kazakhstan)

09:30  Eurasian Continent — a single mining and geological system
Nurian Ryspanov | President, Eurasian Academy of Mining Sciences

09:45  Modern practice of collecting, storing, processing and providing state-owned geological information
Zhanat Karibayev | General Director, Kazgeoinform

10:00  Challenge of doing exploration in faraway geographies: Yilmaden Joint Ventures with Kazgeology
Onur Karakaya | Mineral Exploration and Production Director, Yilmaden Holding

10:15  Review of resource estimation in mining
Ashley Brown | Resource Delineation Manager, KAZ Minerals Management

10:30  Prospects for Kyrgyzstan – Kazakhstan cooperation in the mining and exploration industries
Asan Tutuev | Mining engineer, Adji-Service

10:45  Artisan mining in the Kyrgyz Republic
Arkady Rogalsky | Board Member, Kyrgyz Mining Association

11:00 – 11:30  Coffee break – Sary Arka 2

11:30 – 13:00  Technical session 4: Optimising KPI in mining production – Sary Arka 1
Session sponsors: DMT and IMC Montan

Moderator: Pavel Shevchenko | Head of mining projects, IMC Montan

11:30  Intelligent Mining
Alexander Popov | Consultant, RPMGlobal

11:45  Optimisation of key parameters in mining project economics
Pavel Shevchenko | Head of mining projects, IMC Montan

12:00  Automated control system for mining works
Serhil Baranovskyi | Chief Technical Officer, K-MINE

12:15  Improving operational performance by Intelligent Data use and Haul Road Explorer Software
Fraser McQueen | Senior Consultant (Mining Engineering), SRK Consulting (UK)

12:30  The use of economic indicators in the methodology of medium-term mining planning
Zhaskhan Bairov | Mining engineer, MICROMEDE Central Asia

12:45  Digitisation of Mining and Processing
Nikolai Yenshin | Key accounts and sales director, FLSmidth Kazakhstan

13:00 - 14:00  Lunch – Sary Arka 4
14:00 – 15:45  Technical session 5: The digital revolution in exploration and geological data management – Sary Arka 1

Moderator: Yulia Cherepanova | Geologist, Wardell Armstrong International

14:00  DATA - What's it all about?
Che Osmond | Technical Director, Wardell Armstrong International

14:15  Experience of using traditional and new technologies of geophysics in prospecting and exploration of ore deposits in Kazakhstan
Petr Kovrizhnykh | First Deputy General Director, Geoken

14:30  Systematisation and analysis of stock geological materials and remote sensing data for geological exploration
Boris Geldyev | Managing Director, Terra Exploration

14:45  OreVision™ Induced Polarization in Kazakhstan – An Update and Case Study
Chris Nind | Vice-President, Business Development, Abitibi Geophysics

15:00  Hunting for Hidden Giants: Could a Mineral Systems Approach help to discover the next generation of world-class deposits in Central Asia?
Harri Rees | Exploration Geologist, SRK Exploration Services

15:15  Ultrawide MT system + Real Time (RT) monitoring
Murat Urakov | Senior Geophysicist, Phoenix Geophysics

15:30  The results of polymetal exploration in the North Kazakhstan region with using EMS-IP technology
Yury Davidenko | General Director, Gellos

14:00 - 15:45  Technical session 6: Boosting mining productivity with smart solutions – Sary Arka 3

Moderator: Evgeny Bessonov | General Director, Thermo Techno Engineering

14:00  Predictive geotechnical model of the mine field of “10 years of Kazakhstan Independence”
Dr. Juergen Te Kook | Team leader strata control, DMT

14:15  Automated analytical control at mining and metallurgical enterprises
Evgeny Bessonov | General Director, Thermo Techno Engineering

14:30  GIS GEOMIX – a comprehensive technology information support cycle of mining operations
Evgeny Yanitsky | Deputy CEO of Research and Development, Head of the Laboratory of Mining Geology, VIQGEM

14:45  Elemental analysis of ores in the field conditions using the tagged neutron method
Mikhail Sapozhnikov | Scientific Director, Diamant

15:00  Optimising ore recovery by accounting for blast movement at Vasilkovsky Mine, Altyntau Kokshetau
Boris Lipatov | Senior consultant, Blast Movement Technologies (BMT)

15:15  Integrated solutions for the mining industry: mine fans and related digital technologies
Denis Zulunov | Exhaust Fans Sales Engineer, Howden

15:30  3D modelling and inversion of airborne magnetic and legacy gravity data with usage of non-trivial reference models
Vladislav Kaminski | Senior geophysicist, Promiseland Exploration

15:45 – 16:15  Coffee break – Sary Arka 2
16:15 - 17:45  Panel discussion 2: Future Mining Industry: developing potential for social engagement, education and innovation – Sary Arka 1

Moderator: Sergey Stanovkin | Managing Director, Dars Consulting

16:15  Economic Inclusion through improved and standardised high-quality training for youth in the mining sector in Kazakhstan
Kate Tetley | International Manager, People 1st International

16:30  Dual form of training – as Interaction
Vitaliy Shakhmanov | Head of the Department of Technology and Integrated Mechanization of Mining, Kuzbass State Technical University

16:45  Technological foresight of competences “The Future of Professions in MMC”
Sayasat Nurbek | Head of Education Projects, BTSDigital

17:00  Holding WorldSkills industry championships among mining and metallurgical enterprises
Bakyt Manasbayeva | Deputy Executive Director, The Republican Association of Mining and Metallurgical Enterprises

17:15 – 17:45  Discussion

Panellists:

Sergey Opanasenko
Chairman of the Management Board, ERG Research and Engineering Centre

Sergey Sabanov
Associate Professor, Nazarbayev University

Simon Eisy
Senior Mining Consultant, People 1st International

Yelena Bukashkina
Director, Kazakhmys Technological College

Assiya Turlybayeva
Special disciplines lecturer, Semei Exploration College

Alexander Ivakhnenko
Professor, Kazakh-British Technical University

17:45 – 18:15  MineTech Awards Presentation – Sary Arka 1

18:30 – 21:00  Gala dinner dedicated to the 10th Anniversary of MINEX Forum in Kazakhstan – Sary Arka 4
09:30 – 10:45  **MineTech Business** – Sary Arka 3

09:30  The method of Labelled Neutrons for quality management of mineral raw materials – a novelty for the mining industry

   **Alexander Yamov** | Director for production development, Diamant

09:45  Is there a way to produce grinding media in a sustainable and competitive way?

   **Paulina Codogni** | Founder, Firma Codogni

10:00  Laser particle size analyser – an innovative solution for dispersion analysis in enrichment and reprocessing

   **Alexander Lvovsky** | Researcher, Department of Chemistry and technology of rare and dispersed elements and nanoscale composite materials. K. A. Bolshakov, MIREA – Russian Technological University

10:15  Execution of a project for production and promotion Russian-manufactured directed drilling constructions

   **Roman Kondratev** | General Director, Drilling Technologies Factory

10:30  Newest technology for high efficiency of in-pit mining and conveying

   **Mark Vickers** | Mobile Equipment Designer, MMD – Mining Machinery Development

10:45 – 11:00  Technical break
11:00 – 17:45  MineTech University – Sary Arka 3

11:00    Nazarbayev University
Estimation of mineral resources by probabilistic description of geological boundaries
Nursultan Ilyas
Dauletakhan Orynbassar

11:20    Nazarbayev University
An integrated web-based automated open-stope design tool
Yerkezhan Madenova

11:40    Kuzbass State Technical University
Innovative solutions in the development of coal seams
Galina Bibikova
Vladimir Volynkin
Hristina Bisagalieva
Anastasiya Dostovalova

12:00    KGKP “Exploration College”
Method of uranium extraction with a help of iron nanoparticles
Azhar Adekhan
Anvar Abdakhmanov
Zhadyra Karim

12:20    Kazakh-British Technical University
Development of the scheme of production of mineral basalt wool
Zhassulian Ashimov

12:40    Kazakh-British Technical University
White oil
Nurian Nurabayev
Salamat Jailganov

13:00 – 13:30  Презентация технических вызовов от компаний
SRK Consulting
Voskhod Oriel

13:30 – 14:00  Lunch – Sary Arka 4

16:00 – 17:45  Case solutions presentations by the University teams

17:45 – 18:15  MineTech awards presentation – Sary Arka 1