

The Program of CHINA MINING CONFERENCE AND EXHIBITION 2021

Day1 Oct.21, 2021 Thursday

	Green Mines & Sustainable Development	Market and Situation	Green Mines & Sustainable Development	Mining Exchange	Green Mines & Sustainable Development
	(Room N211)	(Room N209)	(Room N212)	(Room N210)	(Room N213)
	Environmental Governance and Ecological Restoration of Mines	Development of Geothermal Energy Industry under the “Dual Carbon” Target	Security Management of Tailings Ponds	Scenario Application of Intelligent Mines Technology	Corporate Social Responsibility
14:00-15:30	<p>Chair: Dong Liang, General Manager, Zhong Di Green Mines Tech Co., Ltd.</p> <p>→ Wang Jian, Project Manager, Inner Mongolia M-Grass Ecology and Environment (Group) Co., Ltd.: Green and Sustainable Mines Restoration</p> <p>→ Ms. Ritva Muhlbauer, Hydrologist, Thungela Resources Co., Ltd. South Africa (Video)</p> <p>→ Wolfhart Pohl, Lead Specialist for Environment and Geosciences for the World Bank’s Environment, Natural Resources and Blue Economy (ENB) Global Practice in Europe and Central Asia (ECA), The World Bank (Video)</p> <p>→ Dong Liang, General Manager, Zhong Di Green Mines Tech Co., Ltd.</p>	<p>Chair : Qi Ruming, Chairman of the Geothermal Commission, China Mining Association</p> <p>→ Prof. Sadiq Zarrouk, Former Director of the Int’l Geothermal Association, the 3rd Dean of Geothermal School at the University of Auckland, New Zealand: The Role of Geothermal Energy in Mining and decarbonisation (Video)</p> <p>→ Zheng Keyan, Former Director of the Geothermal Professional Committee of China Energy Research Association, the 6th and 7th Members of the International Geothermal Association, Int’l Geothermal Experts</p> <p>→ Wei Wanshun, Vice President, Professor-Level Senior Engineer, Beijing Municipal Institute of</p>	<p>Chair : Li Jianfeng, Deputy General Manager, Minmetals Exploration & Development Co., Ltd.</p> <p>→Dr. Liao Guoli, Professor of China Academy of Safe Science and Technology, Ministry of Emergency Management PRC & Member of the National Safety Production Panel: Development Trends of Tailings Pond Safety Management in China</p> <p>→Dr. Cen Jian, Director of HSE Department, China ENFI Engineering Corporation &, Expert in Tailings Pond Safety: New Requirements from “Tailings Pond Safety Rules and Procedures (National Standard)” for Tailings Pond Construction and Operation</p> <p>→Dr. Ms. Niu Lixian, Partner,</p>	<p>Chair: Ge Qifa, Mine Department Deputy Director, China ENFI Engineering Corporation</p> <p>→Zhang Yunlong, Chairman & CEO , Shandong Xinhai Mining Technology & Equipment Inc.: Smart Mine Design</p> <p>→ Wu Yaoxin, Director of Information System Department, Dandong Dongfang Measurement & Control Technology Co., Ltd.: Experience Sharing of Xitieshan Intelligent Mine Construction in Western Mining Industry</p> <p>→Wang Jian, Chief Strategy Officer, Waytous: Unmanned full-stack solution for smart mines</p> <p>→Wu Yang, Mining Technical Consultant, Rockwell Automation (China): Rockwell Automation</p>	<p>Chair: Xu Peng, Think Tank Expert of Corporate Social Responsibility(CSR) Research, China Federation of Industrial Economics, Director of Beijing Rongzhi CSR Research Institute</p> <p>→Lv Jianzhong, Vice Chairman of China CSR Think Tank, Director of GRI</p> <p>→Ms. Wang Fan, Manager, China Corporate Public Relations of Anglo American (Online)</p> <p>→Li Tian, Deputy General Manager of Shanxi Province Overseas Engineering Construction Co., Ltd, General Manager of Shanxi Province Overseas Engineering Construction (Kenya) Co., Ltd. (Online)</p> <p>→Ms. Liang Wei, Director, ESG, China Molybdenum Co., Ltd. (Video)</p>

	<p>→ Ms. Anna Krzyszowska Waitkus, An Environmental Consultant Specialized in Reclamation Management Practices Utilized in the Western USA for Surface Coal Mines, Ohio Land Environmental Consulting Company USA (Video)</p>	<p>Geology and Mineral Exploration → Zhang Wenxiu, Deputy General Manager, Senior Engineer, Beijing Huaqing Geothermal Development Group Co., Ltd.</p>	<p>Director of Shenzhen Branch, Beijing Yu Ren Law Firm: Compliance Construction and Operation Management of Tailings Pond → Ms. Marnie Pascoe, Chief Advisor, Major Hazards Surface Mining Centre of Excellence, Rio Tinto (Video)</p>	<p>Empowers the Digital Transformation of Mining Industry → Men Jianbing, Deputy Manager of Mine Business Department, China Nerin Engineering Co., Ltd.: Collaborative design helps the construction of smart mines → Lan Deshao, Assistant Director of Data and Intelligence R&D Center, Zhuzhou CRRC Times Electric Co., Ltd.: Exploration and practice of intelligent transportation system in mine industry → Bao Ran, Technical Manager at Intelligent Mines, Hexagon China: Application of HEXAGON Hexagon's Intelligent mines solutions → Ge Qifa, Mine Department Deputy Director, China ENFI Engineering Corporation: Thoughts on digital transformation of intelligent mine</p>	
15:30-16:00	Doors Open to Official Opening of CHINA MINING CONFERENCE AND EXHIBITION 2021 (Rm. Conference Hall N7, 1 st Fl.)				
16:00-16:30	<p>Opening Ceremony of CHINA MINING CONFERENCE AND EXHIBITION 2021 (Invitation ONLY) (Rm. Conference Hall N7, 1st Fl.)</p> <p>Chair: Peng Qiming, Chairman of the Organizing Committee of China Mining Conference and Exhibition & President of China Mining Association.</p> <p>→ The Hon. Liao Guoxun, Mayor of Tianjin Municipal People's Government</p> <p>→ The Hon. Ling Yueming, Vice Minister, Ministry of Natural Resources China</p> <p>→ H.E. Siyabonga Cyprian Cwele, Ambassador, South African Embassy to China</p>				

	Keynote Session of CHINA MINING CONFERENCE AND EXHIBITION 2021: Multilateral cooperation—for Development and Prosperity of Post-Pandemic Era--- (Rm. Conference Hall N7, 1st Fl.)
16:40-18:10	Chair: The Hon. Zhong Ziran , Director-General, China Geological Survey → Wang Jionghui , Deputy General Manager, China Minmetals Corporation Limited → Chen Jinghe , Chairman, Zijin Mining Group Co., Ltd. → Zhang Yongli , Chairman, Western Mining Group Co., Ltd. → Rohitesh Dhawan , President and CEO, International Council on Mining and Metals (ICMM) (Video)
18:30-20:00	Welcome Party (No.4 Building, Tianjin Guest House) (Invitation ONLY)

Day2 Oct.22, 2021 Friday

	Summit Forum	Summit Forum	Green Mines & Sustainable Development	Market and Situation	Mining Exchange
	(Room N211)	(Room N209)	(Room N212)	(Room N210)	(Room N213)
	Mining Cooperation Forum among Countries along the "Belt and Road" (1)	Senior Corporate Executives Forum (1)	Innovative Development of Mining Industry under the "Dual Carbon" Target (1)	Mining Capital Market	WESTERN MINING Promotion Show
09:00-10:30	Chair: Yan Guangsheng , Chief Engineer, China Geological Survey of Ministry of Natural Resources China → Wang Gaoshang , Director, Strategic Research Center for Global Mineral Resources, China Geological Survey: Release Global Reserve Reports of 5 Minerals → Zou Xiehua , Deputy Director of Int'l Mining Research Center of China Geological Survey, Vice President of China Mining News Agency: Release Global Mining Industry Development Report (2020-2021)	Chair: Wang Jingbin , General Geologist, Zijin Mining Group Co., Ltd. →Ms. Li Tong , CEO, BOC International Holdings Limited (BOCI) (Online) → Que Chaoyang , Vice President, Zijin Mining Group Co., Ltd.: Zijin Mining's Model of Global Operations → Liu Jiankun , Deputy General Manager, Senior Engineer of Beijing Information Technology Branch of the China Railway 19th Bureau Group Mining Investment Co., Ltd.: Remaining true to our original aspiration, creating a	Chair: Ms. Cheng Yan , Chairman, Boyu Capital Management Co., Ltd., Yan Changming , President, Jiada Resources International Investment Co., Ltd. → Peng Qiming , Chairman of the Organizing Committee of China Mining Conference and Exhibition & President of China Mining Association (Video) → Wang Enge , Academician, Chinese Academy of Sciences; Former Vice President of Chinese Academy of Sciences; Former President of Peking University (Online) → Chen Jinghe , Chairman, Zijin	Chair: Weng Yuying , Managing Director & Director of Energy and Mining of Investment Dept, BOCI → Ba Shusong , Managing Director & Chief China Economist of HKEX & Chief Economist of the China Banking Association: The Development of China's Mining Capital Market and Hong Kong Mining Industry Financing (Online) → Christopher Fix , Managing Director & Director of Asia Pacific, CME Group: Opportunities in the Global Derivatives Markets (Online) → Wei Jiaming , Deputy General	Chair : Ms. Liu Jieqiong , Director, Office of CPC Committee, Western Mining Group Co., Ltd. →Ms. Liu Jieqiong , Office Director, Office of CPC Committee, Western Mining Group Co., Ltd.: Introduction of Western Mining Corp. and the purpose of this Promotion Forum →Prof. Luo Xianping , Vice President of Jiangxi University of Technology, Distinguished Chief Expert of Western Mining Group Co., Ltd.: Promote Qinghai Western Magnesium Co., Ltd. and its products → Tan Shenglu , Chairman & General Manager, Qinghai Salt Industry Co., Ltd.: Promote Qinghai Western

	<p>→Ren Junping, Chief Researcher, Institute of Mining in Southern African, International Mining Research Center, China Geological Survey : Present situation and cooperation prospect of mineral resources exploration and development of South Africa</p> <p>→Hu Peng, Chief Researcher , Institute of Northern African Mining, International Mining Research Center, China Geological Survey : Present situation and cooperation prospect of mineral resources exploration and development of North Africa</p>	<p>mining distinguished example by the strategy of innovation-driven and deep involvement in whole mining industrial chain.</p>	<p>Mining Group Co., Ltd.</p> <p>→Zhou Chao, Executive Vice-President, Ivanhoe Mines (China)</p> <p>→Tang Renhu, General Manager, Sino-Carbon Innovation & Investment Co., Ltd.</p>	<p>Manager, China ENFI Engineering Corporation: Technological Innovation – An Engine Driving International Financing and M&A in the Metallic Mining Industry</p>	<p>Magnesium Co., Ltd. and its products</p>
10:30-11:00	Interval				
11:00-12:30	Summit Forum	Summit Forum	Green Mines & Sustainable Development	Green Mines & Sustainable Development	Market and Situation
	(Room N211)	(Room N209)	(Room N212)	(Room N210)	(Room N213)
	Mining Cooperation Forum among Countries along the "Belt and Road" (2)	Senior Corporate Executives Forum (2)	Innovative Development of Mining Industry under the "Dual Carbon" Target (2)	Intelligent Mines Construction	Strategic Minerals
	Chair: Yan Guangsheng , Chief Engineer, China Geological Survey of Ministry of Natural Resources China → Liu Shusheng , Chief Researcher, Institute of Southeast Asia and South Asia Mining, International Mining Research Center, China Geological Survey: Present situation and cooperation	Chair: Wang Haifeng , Executive Vice President of Western Mining Group Co., Ltd, Chairman of Western Mining Co., Ltd. → Dong Jianxiang , Deputy General Manager, Aluminum Corporation of China → Dong Xin , President, Shandong Zhaojin Mining Co., Ltd. → Lv Tao , Deputy Chief	Chair: Ms. Cheng Yan , Chairman, Boyu Capital Management Co., Ltd. → Wu Hongjie , Vice Secretary-General of China Industrial Development Institute (CIDI) & Director of Carbon Neutral Applied Research Center (Online) → Fu Chengyu , Advisor of	Chair: Zhang Yuansheng , General Manager, BGRIMM Intelligent Technology Co., Ltd. → Prof. Hu Nailian , Former Vice President of School of Civil and Environmental Engineering, University of Science and Technology Beijing: Intelligent mining technology progress and development trend for metal	Chair: Zhang Yongtao , Vice President & Secretary-General, China Gold Association → Lan Fusheng , Executive Director & Vice Chairman, Zijin Mining Group Co., Ltd. → Richard Lu , Senior Analyst, CRU China → Samson Li , Special Analyst, Commodity Discovery Fund of the

	<p>prospect of mineral resources exploration and development of Southeast Asia →Ma Zhongping, Chief Researcher, Institute of Middle Asia and Western Asia Mining, International Mining Research Center, China Geological Survey: Present situation and cooperation prospect of mineral resources exploration and development of Middle Asia (Online) →Wang Tiangang , Chief Researcher, Institute of American and Oceania Mining, International Mining Research Center, China Geological Survey: Present situation and cooperation prospect of mineral resources exploration and development of Latin America →Zhou Yongheng, Chief Researcher, Institute of Northeast Asian and European Mining, International Mining Research Center, China Geological Survey: Present situation and cooperation prospect of mineral resources exploration and development of Northeast Asia and Eastern Europe</p>	<p>Engineer& Director of Intelligent Mine Research Institute, Dandong Dongfang Measurement & Control Technology Co., Ltd.: Interpretation of Industrial Standards for Intelligent Mine Construction Norms → Wang Xinyu, CEO, JCHX Mining Management Co., Ltd.</p>	<p>Committee of Economy of the CPPCC, Former Chairman of SINOPEC (Video) → Chen Liji, President of Hong Kong Energy, Mining and Commodities Association; Partners of OP Investment Management Ltd (OPIM) and Representative of HKEX join the forum (Online) →Ms. Veronica Martinez Saperas, Manager - Innovation and Climate Change, ICMM (Video) → Yan Changming, President, Jiada Resources International Investment Co., Ltd. →Che Changbo, Secretary-General, China Mining Association</p>	<p>mines →Zhang Hankuo, General Manager, Int'l First-Class Demonstration Mine Promotion Center &, Intelligent and Smart Mine Joint Innovation Center, Shandong Gold Group Co., Ltd. →Cao Bin, Chief Engineer of Aluminum Corporation of China & CTO of Chinalco Intelligent Science & Technology Co., Ltd.: Key Problem of Non-ferrous Mines Hi-quality Developing with Intelligent Technologies →Qi Yuhao, Director of Equipment Management Center of Yanzhou Coal Mining Company Limited, Shandong Energy Group Co., Ltd. →Zou Guobin, Deputy Director of the Institute of Information Technology and Automation Design, BGRIMM Technology Group: Practice and Thinking on the construction of intelligent concentrator</p>	<p>Netherlands (Online) →Ms. Lili Wu, Principal Research Analyst Global Inorganics - Lithium & Battery Materials, IHS Markit : Global lithium supply and demand outlook and preliminary exploration of lithium futures market</p>
12:30-14:00	Lunch (Hall N2, N4, 1 st Fl.)				
14:00-15:30	Market and Situation	Geological Survey and Mineral Exploration	Market and Situation	Green Mines & Sustainable Development	Market and Situation

	(Room N211)	(Room N209)	(Room N212)	(Room N210)	(Room N213)
	Development and Utilization of Manganese Ore	Progress of Theory and Method on Geological Survey	Mining Market and Situation	Geothermal Energy Development and Utilization & Mine Water Prevention	Iron Ore
	<p>Chair: Zhan Haiqing, Executive Vice president, China Mining Association Manganese Branch →Li Weijian, Chairman of the Electrolytic Products Division (EPD) of International Manganese Institute (IMnI), Chairman of Southern Manganese Industry Group →Li Jigang, General Manager, Tianjin Skoland Technology Co., Ltd. →Jiang Guiting, President, Jingjin Environmental Protection Co., Ltd. →Aloys d'Harambure, Executive Director, International Manganese Institute (IMnI) (Video)</p>	<p>Chair: Wang Xueqiu, Deputy Chief Engineer & Chief Scientist, Institute of Geophysical and Geochemical Exploration, Chinese Academy of Geological Sciences (CAGS) →Mao Jingwen, Academician, Chinese Academy of Sciences & Fellow, Institute of Mineral Resources, Chinese Academy of Geological Sciences(CAGS), Director of the Committee of Mineral Deposits, Geological Society of China: Research and Application Progress of Mineral Deposit Exploration Model (Online) →Cheng Qiuming, Academician, Chinese Academy of Sciences: The Application of Big Data in Mineral Exploration (Online) →Wang Xueqiu, Deputy Chief Engineer & Chief Scientist, Institute of Geophysical and Geochemical Exploration, Chinese Academy of Geological Sciences (CAGS): Global Progress in Geochemical Mapping →Ms. Feng Qiaoyun, Senior Engineer, 264 Brigade, Geological Bureau of Jiangxi Province</p>	<p>Chair: Liu Yikang, Former Chief Engineer of China Metallurgical Geology Bureau, Senior Advisor of China Mining Association; Cao Xinyuan, Deputy Director, Information Center of Ministry of Natural Resources China →Kevin Murphy, Chief Analyst of Mining, S&P Global Market Intelligence: World Exploration Trends (Video) →Justin Pettit, Vice President & Managing Director, Upstream Consulting in Asia, IHS Markit: Global Energy & Carbon-Nuetrality (Video) →Magnus Ericsson, Professor, Luleå University of Technology Sweden, Former CEO & Co-Founder, RMG Consulting Sweden: Cobalt: Corporate concentration 1975-2018 (Video) →Mark Ferguson, Director, Metals and Mining Research , S&P Global Market Intelligence: State of the Market, Metals & Mining (Online) →Yan Weidong, Director of Mineral Resources Research Dept, Information Center of Ministry of Natural Resources China: Global</p>	<p>Chair: Pan Shuren, Deputy Director-General, China National Administration of Coal Geology →Jiang Xiangming, Director -General, Hydrogeological Bureau of China National Administration of Coal Geology →Xu Chao, Chief Engineer, Hydrogeological Bureau of China National Administration of Coal Geology →Ren Hujun, President of Tianjin Engineering Technology Institute, CNACG Hydrogeological Bureau Group Co., Ltd. →Wang Hui, Deputy Director -General & Chief Engineer, Guangxi Coal Geology Bureau</p>	<p>Chair: Lu Zhaoming, Deputy Secretary-General, China Iron and Steel Association →Xiong Hongqi, Deputy General Manager, Ansteel Mining Co., Ltd. →Qian Wei, General Manager Strategy Planning Dept, Baosteel Resources (International) Co., Ltd. →Ms. Zhi Hailei, Vice President & Senior Analyst, Mysteel.com</p>

			Mining Outlook in 2022		
15:30-16:00	Interval				
16:00-17:30	Summit Forum	Market and Situation	Market and Situation	Green Mines & Sustainable Development	Green Mines & Sustainable Development
	(Room N211)	(Room N209)	(Room N212)	(Room N210)	(Room N213)
	Forum of Directors General of China-African Countries Geosciences Departments	Mining Investment Environment and Policy	Sustainable Development of Mining Industry	Uranium Ore	Development and Utilization of Mineral Water
	Chair: Yan Guangsheng , Chief Engineer, China Geological Survey of Ministry of Natural Resources China First Part: China-Africa Geological Survey Directors Forum → Yan Guangsheng , Chief Engineer, China Geological Survey of Ministry of Natural Resources China: Welcome Address → Ms. Wang Ju , Counselor of the Department of African Affairs, Ministry of Foreign Affairs China → Watch promotion video of China Geological Survey → Yan Guangsheng , Chief Engineer, China Geological Survey of Ministry of Natural Resources China: Introduce China-Africa Geosciences Cooperation Initiative → Geological Survey Directors General of Sudan, South Africa, Morocco, Namibia, Mozambique, Angola, Ethiopia,	Chair: Qian Xuekai , Senior Partner & Chairman of Energy, Natural Resource and Environment Practice Group, Dentons Beijing Office → Cui Rongguo , Researcher & Director of Editing Department, Information Center of Ministry of Natural Resources China → Xie Xionghui , Executive Director & Vice President, Zijin Mining Group Co., Ltd. → Zhang Haoliang , Director of Business Development (International Case) Department, Beijing Arbitration Commission/ Beijing International Arbitration Center → Wu Yonggao , Partner, Jincheng Tongda & Neal Law Firm	Chair: William Fu , Country President and Chief Representative of China for Anglo American Plc → William Fu , Country President and Chief Representative of China for Anglo American Plc: Future Intelligent Mining Plan-Anglo American Sustainable Mining Plan → John Kilroe , Director of Exploration in Australia and Asia, Strategy and Development Department of Rio Tinto Group: 21 st Century (Video) Mining-Partnering to Advance A Sustainable Future → Peng Qiming , Chairman of the Organizing Committee of China Mining Conference and Exhibition & President of China Mining Association: Mining Development in the New Era, Issues And Solutions → Prof. A. J. Sam Spearing , Member of SAIMM Council, Part-time Professor of China	Chair: Su Xuebin , Chief Engineer, China Uranium Co., Ltd. → Qin Mingkuan , President & Chief Engineer, Beijing Research Institute of Uranium Geology → He Fei , Deputy General Manager, CGNPC Uranium Resources Co., Ltd. → Askar Batyrbaev , Chief Commercial Officer, Member of the Management Board, Kazakhstan Atomic Energy Industry Company (Video) → Ni Tao , Deputy General Manager of Overseas Business Department, China Uranium Co., Ltd. → Li Zhaokun , Office Head of Well Completion Technology, Research Institute of Uranium ISL Technology, China Nuclear Mining Science and Technology Corporation: In-Situ Leaching Technology of Complex Sandstone Type Uranium Deposit: Current Situation & New	Chair: Zhang Zhaoji , President of Natural Mineral Water Committee, China Mining Association → Ms. Shu Weiqun , Professor and PhD Supervisor of Army Medical University, Vice Chairman of PLA Military Operation and Environmental Medicine Academic Committee : Minerals in Drinking Water and Human Health → Tian Tingshan , Former Vice-President of China Geological and Environment Monitoring Institute: Mineral Water Resource and its Industrial Development in China → William Terry , President, Aquacert International: Natural Mineral Water: Thermalism and Certification (Video) → Philippe Hartemann , Professor Emeritus and PhD of Medical School of University of Nancy (France), Owner of "Legion of Honor" and "International Gold Medal" , and International Consultant of Public Health: Relationships between the

	<p>Malawi, Tanzania, Zimbabwe, Eritrea, Nigeria and other African countries introduce present situation and cooperation prospect of mineral resources exploration and development. →Prof. Lai Xulong, Vice President of China University of Geosciences (Wuhan): Creating the brand of "studying in China" and the current situation and Prospect of geosciences talent training in Africa Second Part: Opening Ceremony of the Seminar on Mineral Resources Development and Management of the Democratic Republic of Congo (Video)</p>		<p>Mining University: Sustainable Development in the Mining Industry-A South African Perspective (Video)</p>	<p>Direction</p>	<p>characteristics of mineral waters, their therapeutic use and nutritional benefits as drinking waters (Video)</p>
<p>18:00-20:30</p>	<p>"BOCI Night" Gala Dinner (Crowne Plaza Tianjin Meijiangnan) (Invitation ONLY)</p>				

(Note: The above content is updated to Oct.20, 2021. All is subject to actual program during the event. The Organizing Committee reserves the right to revise and explain the program.)