



CONFIRMED SPEAKERS | PALESTRANTES CONFIRMADOS **PRELIMINARY PROGRAM AVAILABLE AT** [HTTP://WWW.WMC2016.ORG.BR/IMG/PRELIMINARY_PROGRAM.PDF](http://www.wmc2016.org.br/img/preliminary_program.pdf)



DR. ANDRE XAVIER holds Bachelor and Master degrees in Business Administration, and a PhD in Mining Engineering from the University of British Columbia. His research topics have involved investigating corporate social responsibility initiatives implemented by small- and medium-sized companies and their impacts on local communities. His PhD research has focused on the socio-economic aspects of mining closure, local economic development and diversification. Dr. Xavier works for the Canadian International Resource and Development Institute (CIRDI) and is the program manager for the Education and Research for Integrated Water Resources Management project in Peru that contributes to a cohesive and integrated management of Peru’s water resources in regions where there are mining activities. His responsibilities include working with governments, mining industry, NGOs, universities and local partners. Dr. Xavier is an honorary professor at the Norman B. Keevil Institute of Mining Engineering, University of British Columbia, Canada.



ANTONIO WERNECK has more than 30 years of executive experience in multi-national and Brazilian companies in Latin America, France and the UK and held various nonexecutive Board positions. He worked 12 years for Unilever (1984-1996) holding various marketing positions in Sao Paulo, Paris and London. In Unilever HO, he was the first Global Category Manager for the Unilever’s laundry business (1993-1996) managing global projects and acting as the marketing-R&D liaison. Antonio also worked as Regional Director, Latin America (1996-1999) at Givaudan’s Fragrance Division, then part of the Roche Pharmaceutical Group. He was appointed Senior VP for Latin America at Reckitt Benckiser & CEO of Reckitt’s Brazilian operation (1999-2002); President of GfK Brazil, a German based market research company (2004-2005) and CEO of Santher S/A (2005- 2010) the largest Brazilian-owned tissue paper company. Since 2010, Antonio took several non-Executive Board positions in Brazilian for profit companies. He joined TNC’s Advisory Board late 2013, before taking his current role as Executive Director of the Brazil Program.



BEN CHALMERS, Ben is Vice President, Sustainable Development at the Mining Association of Canada (MAC). Ben has been working in the mining industry since 2004 and has been involved in environmental management, community engagement, project management and human rights. Ben holds a Master's degree from Royal Roads University in Environmental Management and a Bachelor's degree from Simon Fraser University in Geography. In his role at MAC, Ben is responsible for the implementation of Towards Sustainable Mining (TSM), which includes a tailings management component. He was involved in a review of tailings management component of TSM conducted following the 2014 tailings dam failure at the Mount Polley Mine, and he is currently engaged in the revisions process which is acting on the review recommendations.



BERN KLEIN, Ph.D., P.Eng. Professor of Mineral Process Engineering at the University of British Columbia, where he served as Head of the Norman B. Keevil Institute of Mining Engineering from 2008 to 2014. Dr. Klein has over 25 years of experience managing research and industrial projects. His main area of research relate to energy efficiency in mining with focuses on sensor based sorting and comminution technologies. He also conducts research in the areas of slurry rheology, dewatering of tailings metal leaching from waste rock. Dr. Klein has been active with professional associations and the organization of conferences that included serving as Chairman of the Industrial Minerals Division of the Canadian Institute of Mining (CIM) from 2002 to 2004 and as Chairman of the International Conference on Semi-Autogenous and High Pressure Grinding Technology in 2015. During his term as Head of Mining Engineering at UBC, he was central to the creation of the Canadian International Resources and Development Institute, which is a coalition of three universities the University of British Columbia, Simon Fraser University and Ecole Polytechnic de Montreal that supports improved governance of extractive sectors in developing countries to reduce poverty. He served as Acting Executive Director of the Institute during its startup and is now Project Lead for a program in Peru focused on water stewardship and technical advisor to a program in Mongolian where he contributes in water resource management.



DR. CAIUS PRISCU, P.Eng (Canada) is the Head of Mineral Residue Facilities discipline for Anglo American plc, based in Santiago, Chile. Caius has over 25 years of experience in dam engineering for the mining and water resources industries, covering from concept studies to detailed engineering, to construction management, operation and surveillance, closure and rehabilitation. Caius' strong technical expertise is in the areas of geotechnical engineering for mine waste management, dam safety (water and tailings dams), and portfolio risk management of dams in the mining industry. Caius holds Ph.D in Mining Engineering from McGill University in Montreal, he is a Registered Professional Engineer (P.Eng) in British Columbia and Ontario, Canada, and is a Member of the CDA (Canadian Dam Association), CIM (Canadian Institute of Mining), and ICOLD Chile (Chilean National Committee on Large Dams).



CRISTIAN MORAGA (CHRIS), civil industrial engineer and CEO in in Mutual de Seguridad CChC. 17 years of experience in the health and insurance sector. Managerial posts in the last 14 years. Mutual de Seguridad CChC is a non-profit Occupational Health and Safety insurance company, created by the Chilean Chamber of Construction in 1966. The mission is to provide workplace health and safety services to associated companies, within the framework of the 1968 Workplace Safety and Health legislation in Chile. Provide occupational risk prevention support and occupational health care services to 1.9 million workers from 70,000 associated companies ranging from large to small size, belonging to all economic sectors, but especially construction and mining.



EDSON RIBEIRO has over 27 years of experience in the mining industry, having devoted most of his career to the evaluation of mineral resources covering a broad range of ore types and deposit styles, including iron ore, manganese, nickel sulphides, nickel laterites, copper sulphides and oxides, bauxite, kaolin, potash, phosphates and coal. Graduated with a B.Sc. Degree in Geology at the University of São Paulo in 1987, he obtained his M.Sc. degree in Metalogenesis at University of Campinas (São Paulo, Brazil) in 1994. Currently leading the Department of Mineral Projects, he is responsible for conducting pre-feasibility studies and managing the handover of projects from Exploration to the respective business units within the Company. He is also responsible for the coordination of Vale's Global Committee for Mineral Resources and Mineral Reserves and the Brazilian member at CRIRSCO (Committee for Mineral Reserves International Reporting Standards).



ENRIQUE MUNARETTI, Professor from the UFRGS Mining Engineering Department. With academic and industrial profile, dedicated over 20 years in the better use of explosives for mining and construction. NITRO D. Ltda. board member, a pioneer in instrumentation for blasting in Brazil. ISEE Student chapter advisor and actual vice president of ABEE – Associação Brasileira de Engenharia de Explosivos (ISEE Brazil). Professor Munaretti is also Fragblast International Organising Committee board member and holds the J. Keith Brimacombe Award 2013 and the ISEE President's Award 2015.



ENG. FERNANDO BORJA, General Manager at the Mining Safety Institute of Peru (ISEM). Mr. Borja is an Industrial Engineer graduated from the San Marcos National University in Lima-Peru, has a diploma of specialization in Integrated Management Systems from the University of Lima, and also took postgraduate courses on Environmental Management at the Engineering National University in Lima-Peru. Mr. Borja has participated in the Leadership Program about Occupational Safety and Health at the University of Western Australia, and completed courses of specialization in Industrial & Occupational Safety and Health in countries such as Germany, Turkey, Italy, Spain, Japan, USA, Colombia and Argentina. He is currently studying a Master's degree in Economics and Finance at the San Marcos National University and remains serving as GM at ISEM since 2004.



FERNANDO LUIZ ZANCAN, President of the Brazilian Association of Coal – ABCM – Graduated in Mining Engineering from the Federal University of Rio Grande do Sul – UFRGS. Postgraduate specialization in Production Management from the Federal University of Santa Catarina – UFSC. Currently Mr. Zancan is Director of Welfare Association of Coal Industry of Santa Catarina – SATC (since 1990). Executive Secretary of the Union of the Industry of Extraction of Coal in the State of Santa Catarina – SIECESC (since 1989). Founder and National President of the Brazilian Association of Coal – ABCM (since 2006). He has extensive experience in Mining Engineering with emphasis on implementation of technical and scientific cooperation activities, covering research and development of clean technologies and directed to the sustainable development of the mineral sector (coal).



GABRIEL MARTINEZ ORTEG, Mechanical Engineer from the Technological University of Pereira, Colombia, with Master degree in Administration from the Technological Institute of Monterrey - Mexico, Magister in Human Resources Uniactiva and the Mediterranean University of Science and Technology - Spain, Master in Management in the Mining Industry University Viña del Mar - Chile and Specialization in Occupational Health Management. With Diploma studies in different branches as: Maintenance Management, Strategic Management of Human Resources, Risk prevention, Practical leadership in loss control, Safety management system implementation, occupational health and environment for contractors RUC, preventive and work medicine for non-specialists. OHSAS 18001 Internal Auditor and Internal Auditor RUC. He is currently the Corporate H&S – Training Manager in the Prodeco Group (Glencore Colombia), a multinational company dedicated to the exploitation and marketing of thermal coal. He has been in this position for the last 4 years.



GEORGE HEMINGWAY, Serves as Partner and head of the Innovation Practice at Stratalis Consulting out of their New York office. George's main focus is on helping companies to become Future-Focused and develop the foresight, flexibility and focus required to discover significant and sustainable growth. George is the originator of the 7 Lenses; a powerful set of tools to help companies "Reframe" in order to break from past thinking and grow from their core. He pioneered the usage of non-traditional, consumer-facing strategy and innovation techniques within industrial environments and the application of demand-driven thinking to reframe challenges for major miners. He regularly speaks and publishes on the future of industry and how organizations can reinvent themselves for growth without losing sight of who they are. From the Stern School of Business at NYU and is the holder of US and EU patents. As an advisor, George has had the opportunity to work with many leading global companies such as Vale, BHP Billiton, Anglo American, PepsiCo, AIG, Blue Cross, Nextel, The Gap, Cliffs Natural Resources, Henry Schein, Butterball and Tesco. As an executive, he was the CEO of a publicly traded European company and is a member of several corporate and philanthropic boards, including Budapest Honvéd FC, a top-flight European soccer club, Riemann A/S, a European pharmaceutical company and the Chamber Orchestra of New York. George holds an MBA from Columbia Business School.



HELMUT EHNES is a graduate engineer of the Technical University Munich, Germany. He started his career in prevention in 1983 at the German statutory accident insurance for the construction material industry (StBG). Since 2010 he heads the prevention unit of BG RCI, Germany. 2007 Ehnes has been elected Secretary General of the International Section of the ISSA on Prevention in the Mining Industry (ISSA Mining).



JAIR CARLOS KOPPE, Professor, Mining Engineer and Geologist, MSc. and Dr. in Sc., is engaged in the Post Graduation Program of Mining, Metallurgical and Materials Engineering at Federal University of Rio Grande do Sul (UFRGS), Brazil. Academic experience includes the position of Visiting scientist at University of Western Ontario (1986) and post doctoral fellow at JKMRG – University of Queensland (1997-1998). He was elected Head of the Mining Engineering Department for eight years, and for two year was the coordinator of the Postgraduate Program in Mining, Metallurgy and Materials at UFRGS. He has worked in research, teaching and consulting since 1978. His professional experience includes the position of mining engineer and geologist in mineral exploration of gold, and mining of gold and dimension stones. Areas of research include rock mechanics, unit operations of mining, mine planning, mineral exploration and mine reclamation and waste management. Professor Koppe leads the blasting engineering and the rock mechanics emphasis areas in the Mining Engineering Department at UFRGS. He has been publishing regularly technical papers in international journals and international conferences. He has authored and co-authored over 250 publications and supervised more than 40 master and doctoral dissertations.



JAMES P. DALEY, PE. *Jim Daley is Vice President of the International Society of Explosives (ISEE) and chairman of the ISEE Ethics Committee. He has been a member of the ISEE since 1991 and has served on the Board of Directors of the ISEE since 2006. Jim's involvement with explosives began in 1976 and has included roles as a blaster, driller, drill & blast engineer, blasting supervisor, mine superintendent, mine manager and plant manager. He has practiced in multiple locations in the western United States, in Indonesia and in Canada throughout his career and has assisted in the extraction of gold, platinum, palladium, coal, limestone, talc and potash with Homestake Mining, BHP, Stillwater Mining, Specialty Minerals, Inc and Intrepid Potash. He holds a degree in Mining Engineering from the South Dakota School of Mines and Technology and is a Registered Professional Engineer. Jim is a charter member of the Black Hills Chapter of the ISEE, is a founding member of the California Southwest Chapter and has served as director of the Rocky Mountain Chapter. His published papers include: "What SEE Has Done For Me: The Value of the Scholarship Program" (1995, reprinted Journal of Explosives Engineering, May 2003), "Can Reduced Diameter Holes and Low Density Product Improve Pre-Split Results" (1996), "Ethics - Why Should I Care" (2007) and "Internships: A Bridge into the Explosives Industry" (2014).*



JAVIER DIEZ DE MEDINA *is the Corporate Affairs Manager at Minera San Cristobal S.A.. He is in charge of different departments and develop a Social and Environmental System based on values in which the Social Licence to Operate measurement shows the performance of the company.*



JOHN WILLIAM ELORANTA. Jack brings 40 years of mine-industry experience, including 22 years working for U.S. Steel Corporation at its Minntac Mine. Jack has served as president of Eloranta & Associates Inc. since 1999. He has served clients in Australia, Canada, Panama, Peru, New Zealand, Senegal, South Africa and in many areas within the United States. Jack has authored over three dozen papers on mining and blasting and was responsible for revising the International Society of Explosives Engineers (ISEE) handbook chapter on open pit and quarry operations. In 2004, Jack was presented with the President's Award by ISEE for meritorious service to the explosives industry. In 2009, he served as interim CEO for Lehigh Coal & Navigation Company. He currently serves as President of ISEE.



DR. KIEREN MOFFAT is a Senior Research Scientist at Australia's national science agency, CSIRO. He leads a program of research examining the nature of the relationship between the extractive industries and society at local operational, national and global scales using social and economic research methods.



KULVIR S. GILL, Senior Principal at Clareo Partners, has more than ten years of experience in strategic planning, organizational effectiveness and post-merger integration. He began his career with Oliver Wyman as a management consultant before holding several positions with Barrick Gold Corporation. At Barrick, he played a key role in establishing the corporate supply chain practice, a turnaround plan for a regional business unit and a next-generation mining innovation strategy. He has also managed several post-merger business integrations and annual strategic planning cycles. Kulvir holds a B.Sc. and a B.Comm from the University of Calgary. He is a 2011 Action Canada fellow and a co-founder of the Seva Food Bank. He also serves on the Board of Directors for the William Osler Health System Foundation and Habitat For Humanity in Brampton, Ontario.



MAGNUS ERICSSON a veteran observer and analyst of global mining, is a professor of mineral economics at Luleå Technical University, Sweden, and will give his views on the future of mining. He was one of the co-founders of the Raw Materials Group (RMG), previously one of the largest independent group of mineral economists and analysts strategies and minerals policies in Europe and now part of SNL Metals & Mining. He is the Swedish representative on the IOC of the World Mining Congress. He is a member of the Royal Swedish Academy of Engineering Sciences. His main interests lie where social, political and economic impacts of mining crosses. Magnus Ericsson advises companies and governments all over the world. His involvement in Nordic, African and European mining policy development dates back over 25 years. Since the early 2000s he has an extensive network in China.



MARCIN PIERSIAK is an Acting Executive Director of Alliance for Responsible Mining (ARM), a Colombian NGO with global operations that supports Artisanal and Small-scale Mining (ASM) entrepreneurs in improving their social, environmental and productive performance. With a background in Economics, a Masters in International Relations, and a 7 years the management of International Development projects with a focus on responsible mineral supply chains, sustainability standards and certification. In ARM he contributed to the organization's tenfold growth, flexibly performing in several senior management roles.



MICHEL JULIEN, Vice-President, Environment joined Agnico Eagle Mines Limited in 2011. Prior joining Agnico Eagle, he was a Principal at Golder Associates where he contributed for over 20 years in the field of mine waste management and environmental projects. Michel is Adjunct Professor at the Lassonde Institute of the Civil and Mineral Engineering department at University of Toronto. He has been chairman of the Board of the Research Institute on Mines and Environment (RIME) of Polytechnique-UQAT (2012-2016). He is a Director on the BOD of the Mining Association of Canada since 2016. Michel holds a B.Eng. (mining engineering– Polytechnique of Montreal), a M.Sc.(Geo-Engineering- University of Minnesota) and a Ph.D (Mineral engineering - Polytechnique of Montreal). He is also an Administrateur de Sociétés Certifié (ASC) since 2016. He is a registered professional engineer in Quebec, Newfoundland and Labrador, Northwest Territories and Nunavut.



MURILO FERREIRA was named CEO of Vale in May 2011. He has more than 35 years' experience in the mining sector. In 2005 he was appointed Vale's Executive Director for Shareholdings and New Business, with responsibility for aluminum, coal, stakes in steel projects, energy, new business, mergers and acquisitions. In 2006, he held the position of Executive Director for Nickel and Base Metal Sales. From 2007 to the end of 2008, he was CEO of Vale Inco, now Vale Canada. Murilo Ferreira began his professional career at Vale in 1977 as a financial and economic analyst. He has an undergraduate degree in Business Administration from Fundação Getulio Vargas (FGV) in São Paulo, a postgraduate diploma in Administration and Finance from FGV in Rio de Janeiro and a Senior Executive diploma from IMD Business School in Lausanne, Switzerland.



OLIVIER BERTOLI, high-level training in applied mathematics, mining engineering and geostatistics from the Paris School of Mines is broadened by 20 years practical experience as a professional geostatistician. These include five years as technical director of Tenzing Pty Ltd. Olivier who specialises in staff training in the form of hands-on co-piloting sessions, has specific expertise in advanced geostatistical modelling including non-linear methods, conditional simulations, multivariate analysis and non-stationary modelling. Olivier also has extensive experience in the application of geostatistical techniques to coal resource modelling, gained through project work for Anglo Coal, BMA, BHP Billiton, Rio Tinto and Xstrata Coal since 2003. Olivier has been appointed Geovariances CEO in October 2014.



ONILDO JOHN MARINI - Geologist UFRGS-1963, Doctor UNESP-1970: Postdoctoral at Western University of Ontário/CA-(1986-1987). He served as Geologist in PETROBRAS-(1963-1964), Geologist of the Geological Commission of the Charter of Paraná-(1965-1967). In the academic area he worked as Professor of Geology at UNB-1964 (June-December), Professor of Geology Assistant at UNESP Course (1968-1971), and as Collaborating Professor, Head of the Department of Geology (2 times) and Director of the Institute of Geosciences of UNB (1971-1990), and the CNPq Researcher Level 1A. He has published over a hundred scientific articles. In the government area was Director of Geology in the National Department of Mineral Production – DNPM of the Ministry of Mines and Energy MME-1990-1991; CT-Mineral/MCT-1999-2000 Manager, Member of the Supreme Council of CNPq-1980-1986. He was also President of the Brazilian Society of Geology from 1981 to 1983. Since 1991 is the Executive Secretary of the Agency for Technological Development of Brazilian Mining Industry - ADIMB.



OTHON DE VILFORT MAIA, is Manager of Communications and Community Relations of AngloGold Ashanti Brazil. He is Journalist (UFMG), specializes in Business Management - Marketing (FDC) and Strategic Communication Management (PUC). He studied at the International Program in Corporate Communications (Syracuse University / NY and Aberje). In his executive career, passed by companies like Fiat Chrysler Latin America, Tupy foundry, among other companies, as well as experience as a graduate teacher.



OVIDIO ROBERTO HERMOSILLA COLMENARES, from Guatemala, Doctor in Medicine, Master in Labor Risk Prevention, Industrial Hygiene Specialist, and Certificated in Forensic Medicine. Facilitator certificated in 7 Habits of highly effective people, Franklin-Covey 2007; Coach and consultant in management systems and occupational health and safety; Facilitator certificated in COVEC (Código de valores, ética y conducta), in Cementos Progreso, S. A. Member of Guatemalan Association of Occupational Health (Founding member). 2001-2005 Miembro del Consejo Nacional del Salud y Seguridad. Ocupacional de Guatemala, representado al Sector Empleador (CACIF); Brazilian Association of Occupational Hygienists member, ABHO No. 00851; International Commission on Occupational Health member, ICOH No. H3305; American Conference of Governmental Industrial Hygienists member, ACGIH No. 306524-00.



PAUL N. WORSEY, PH.D., M.Sc., B.Sc. (HONS), C.ENG is Professor of Mining Engineering at Missouri University of Science and Technology (S&T). Originally from England he has worked in the US for 35 years. During his career he has taught many classes including surveying, underground, surface hard rock, coal mining and a large number of explosives and blasting classes. Most notably he is responsible for the development of S&T's world leading explosives engineering program which offers certificates, MS and PhD in Explosives Engineering, and is faculty director of the schools experimental mine. Paul has a MSc in Rock Mechanics and Excavation Engineering and a PhD in Mining Engineering. You may have seen him on one of many TV programs which includes the Discovery Series "The Detonators". Dr. Worsey is also a MSHA safety instructor, licensed blaster in the State of Missouri and as an explosion consultant investigated both the Sago and Upper Big Branch mine disasters firsthand. He provides blasters, fireworks and pyrotechnics training in the state of the Missouri and has taught on over 100 short courses relating to explosives and blasting throughout the US and world. He believes strongly in engaged hands on instruction.



PIERRE GRATTON is the President and CEO of the Mining Association of Canada (MAC). Based in Ottawa, MAC is the national organization for the Canadian mining industry. Its members are engaged in mineral exploration, mining, smelting, refining and semi-fabrication. Prior to his appointment to MAC, Pierre was President and CEO of the Mining Association of British Columbia (MABC). From 1999-2008, he served as Vice President, Sustainable Development and Public Affairs for MAC. Mr. Gratton holds an M.A. degree in political science and a B.A. from McGill University.



RACHAEL BARTELS is the Managing Director of Accenture's global Chemicals and Natural Resources practice and leads the Asset and Operations business. She is also the executive sponsor of the Accenture Internet of Things Center of Excellence for Resources. She spends most of her time working with senior executives on transformational and disruptive change and has over 25 years of experience in consulting—working primarily in mining, chemicals and energy. Her focus has been on making clients' global operating models work effectively and efficiently to deliver better business results. Her work has covered both front and back office functions. She has completed a wide range of projects in benchmarking, business and operations strategy, supply chain, customer relationship management and shared service centers. Rachael is also an active member of Accenture's diversity program. Rachael has a degree in Politics and Economics from Smith College in the US and joined Accenture in 1988. She resides with her family in the countryside west of London.



RAFAEL LASKIER, Manager of Strategy & Innovation at Vale. During the 8 years in between his roles, Rafael has developed strategic plans along with most of Vale’s business units, defining corporate and portfolio strategy for Iron Ore, Base Metals, Technology and Innovation. Rafael also work as an innovation reference and developed a methodology for business model and management model innovation. He is currently leading the Innovation Coalitions project: A collaborative approach with focus in establishing a culture of innovation at Vale and solving some of the company strategic problems resulting in productivity and safety improvements using design thinking. Rafael holds bachelor degree in economics from Rio de Janeiro Federal University, and has a MBA in Corporate Finance from IBMEC-Rio and MSc degree in business administration from PUC-Rio. He has also participated in the Making Innovation Happen program at London Business School and the Design Thinking Innovation Master Series at Stanford University. Rafael is co-author of the “Internet of Things Handbook” to be published in the US on 2H16.



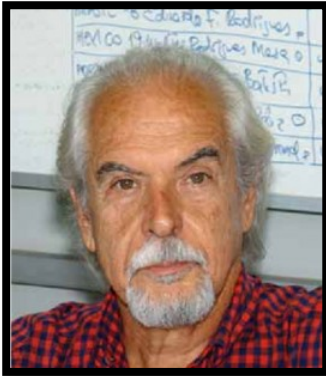
RENZO MORI JUNIOR is a Postdoctoral Research Fellow at the Centre for Social Responsibility in Mining (CSRMI) at the University of Queensland, Australia and combines his academic experience with over 10 years’ of professional experience in corporate social responsibility and sustainability. Renzo has a business and environmental science background. He holds a post-graduate degree in environmental management (University of São Paulo (USP - Brazil) and Masters degree in environmental sciences (Institute of Technological Research (IPT – Brazil). His PhD research at the Australian Centre for Sustainable Business, University of Southern Queensland explored the role of trust in sustainability reporting and assurance processes. He has lectured in corporate social responsibility and sustainability at the University of Southern Queensland and has conducted qualitative and quantitative research on topics including: sustainability certification schemes, governance, economic, environmental and social impacts, risk-based evaluation methods, management systems, GRI sustainability reporting, sustainability indicators, assurance and stakeholder expectations.



RINALDO MANCIN, Director of Environmental Affairs to the Brazilian Mining Association (IBRAM), accumulates more than 20 years of experience in environment and sustainable development arena. With Master Degree in Sustainable Development, by the Federal University of Brasilia, occupied several positions at the Brazilian Government (Federal Environment Agency, Ministry of the Environment, Ministry of Interior), where having worked in various projects. Worked as consultant for World Bank, BID, UN and for the Governments of Spain, the Netherlands and Japan in multiple technical cooperation projects with Brazil. At IBRAM, is responsible for implementing a set of strategies and innovative projects aimed at sustainable development of the mining activity.



ROBERT BOUTILIER is a researcher, author, social licence consultant. He is an associate of the Centre for Sustainable Community Development at Simon Fraser University, Vancouver, and of the Australian Centre for CSR, Melbourne. Dr. Boutilier has measured the social licence and mapped stakeholder networks at over 50 mining projects on four continents in nine languages.



***ROBERTO CERRINI VILLAS BÔAS (IN MEMORIAN)**, graduated in Mining Engineering from the Polytechnic School of USP (1968), took the Master of Science in Metallurgical Engineering from the Colorado School of Mines (1971), USA, and Doctorate Degree of Engineering Sciences, Engineering and Materials Science from COPPE, UFRJ (1977), where he was Assistant Professor until 1998, teaching Extractive Metallurgy and Experimental Planning and supervising several MSc and PhD thesis. He was the author and editor of 27 books, all available on the Web, and hundreds of scientific articles. Visiting Professor in many Universities such as La Sapienza, Rome, and Universidad Iberoamericana La Rabida, Spain, Superintendent and Director of CETEM, Brazil, between 1978-1998, with a break from 1987 to 1990, having taken in this period, the positions of Vice President Paulo Abib Engenharia Mineral, Brazil (1987 to early 1989), and Secretary for New Materials of the Ministry of Science and Technology (1989-1990). he was Emeritus Researcher of the Center for Mineral Technology – CETEM, Rio de Janeiro-Brazil and member of the Scientific Committee of 24th World Mining Congress.

***Tribute Ceremony on October 19th afternoon**



ROMULO MUCHO MAMANI, 35 years of experience in successfully developing and running mining projects and operations for mining and cement companies in Peru. Extensive career experience in direct and indirect functions as Viceminister of Mines, President, Operations Manager, Superintendent of Mining Operations and University Professor with strong knowledge of the explosives technology and rock blasting techniques, mining and construction equipment selection. Problem solver and team player in mining conflicts, also capable to work independently with proven ability to obtain results, national and international speaker in themes on Mining Technology, Geosciences and Sustainable Development.



SERGIO ANDRADE, Founder and Executive Director at Agenda Pública, a non-profit organization of public interest that facilitates cooperation between local governments and private companies to provide technical assistance and training for public administrators to effectively manage the development of municipalities in Brazil. As well as Schwab Foundation’s Social Entrepreneur of the Year 2016. Sergio holds a master’s degree in Public Administration and Government (FGV / EAESP), and he is also a social scientist, graduated from the University of São Paulo – USP, and a specialist in international negotiations, from UNESP. He has 15 years of experience in both government and the private sectors in Brazil, including works with bodies like the Ministry of Planning, Budget and Management (MPOG); Strategic Affairs Department of the Presidency of Brazil, General Department of the Presidency of Brazil, the United Nations Development Programme (UNDP), Office of the Comptroller General (CGU), National Treasury Secretariat (STN), Ministry of Education (MEC), National Institute for Amazonian Research (INPA), the British Embassy, United Nations Development Fund for Women (UNIFEM), the Brazilian Mayors Organization (FNP); Department of Justice of the State of São Paulo and Institutional Relations Department of São Paulo and in city halls in the whole country.



TOM BUTLER became President and CEO of ICMM in July 2015. Before joining ICMM, Tom spent 18 years with the International Finance Corporation (part of the World Bank Group) in the infrastructure and natural resource teams, with much of that time focused on mining and power projects in Africa. From 2011, Tom was Global Head of Mining, where he led a multi-disciplinary team of specialists responsible for IFC’s financing of mining exploration and development in emerging market countries, all in accordance with IFC’s environmental and social Performance Standards. Tom began his career as an officer in the British army. Prior to joining IFC, he was a project manager and engineer with oil and gas industry service companies Technip and Schlumberger. He holds an engineering degree from Cambridge University in the UK, and an MBA from INSEAD in France.



ZHARMENOV ABDURASSUL ALDASHEVICH, Dr. Sci. (Eng.), Prof. General Director, academician of the NAS of Republic of Kazakhstan, State Premium Double Laureate. He was born in 1956 in Babaykorgan village South – Kazakhstan region. He graduated from the Chemistry Department of the Kazakh State University named after Kirov in 1976. Passed all stages of professional development from senior laboratory assistant, engineer, junior, senior researcher, Head of the Laboratory, Head of the Department of Chemical and Metallurgical Institute of Academy of Sciences of the Kazakh Soviet Socialist Republic (1976-1993), Head of the Department of Analytical Chemistry in Karaganda State University (1985-1987) to Deputy Director General and from 1999 - General Director of the RSE «National Center on Complex Processing of Mineral Raw Materials of the Republic of Kazakhstan», which is led by him to this day.