



ZIA Annual Conference 2018

BANGKOK, 6-7 September

Mandarin Oriental Hotel
48 Oriental Avenue, 10500 Bangkok, Thailand



ZIA AGM & Annual Conference

Programme of events

Thursday 6th September

- 08:00 - 13:00 Registration desk open
 08:30 - 10:00 ZIA Board Meeting: business centre Boardroom (members only)
 10:30 - 11:30 ZIA Annual General Meeting of the Assembly: Embassy Room (ZIA members only)

Day 1:

The zircon industry - what's just over the horizon?

- 12:00 - 13:00 • Lunch (all conference delegates) •
 13:00 - 13:10 Welcome, opening remarks and safety briefing
 13:10 - 13:20 Antitrust compliance - David Duncan (Tilleke & Gibbins, Bangkok)
 13:20 - 14:05 Keynote address - Tom O'Leary (Iluka Resources)
 14:05 - 14:30 Zircon market supply & demand dynamics - Gavin Diener (TZMI)
 14:30 - 14:55 Outlook for the Chinese zircon market - Xue Wang (Ruidow)
 14:55 - 15:15 • Tea / Coffee / Interval & networking •
 15:15 - 15:40 Large slabs: what does it mean for zircon? - Simon Brough (ZMM)
 15:40 - 16:55 Upcoming projects (presentations from Image Resources, Kalbar Resources, Sheffield Resources, Titanium Corporation and Strandline Resources Limited)
 16:55 - 17:15 Closing remarks, end of Day 1
 18:00 - 19:15 Welcome Cocktail Reception
 19:15 - 19:30 Transfer to dinner venue
 19:30 - 22:00 Conference Banquet Dinner

Conference sponsors



SheffieldResources
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Day 2: Friday 7th September

- 08:30 - 11:00 Registration desk open
 08:45 - 08:55 Welcome and safety briefing
 08:55 - 09:40 Keynote presentation: Andrew Staples (Economist Intelligence Unit)
 09:40 - 10:05 Zr chemicals: supply chain risks and opportunities - Alister MacDonald (Alkane)
 10:05 - 10:30 IAEA Safety Standards' approach to industries involving NORM - Burçin Okyar (IAEA)
 10:30 - 10:55 Challenges and solutions for the shipping of NORM - Nick Tsurikov (Calytrix Consulting)
 10:55 - 11:15 • Tea / Coffee / Interval & networking •
 11:15 - 11:40 Zircon additions to roof tiles - Prof. Maria Bignozzi (Centro Ceramico)
 11:40 - 12:05 Zr metal: current conditions and future state - Scott Coffin (ATI)
 12:05 - 12:30 New developments for zircon in friction materials - Roberto Dante (2D to 3D)
 12:30 - 13:00 Closing remarks and end of conference
 13:00 • Lunch (Lord Jim's restaurant, Mandarin Oriental) •

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Keynote speakers



Tom O'Leary

Managing Director and CEO, Iluka Resources Limited

Tom was previously Managing Director of Wesfarmers Chemicals, Energy and Fertilisers, a division of the ASX-listed company, Wesfarmers Limited, one of Australia's largest and most diversified corporations. Prior to joining Wesfarmers, Tom worked in London in finance law, investment banking and private equity.

Tom holds a law degree from The University of Western Australia and has completed the Advanced Management Program at Harvard Business School. He is a director of the Clontarf Foundation, a not-for-profit organisation aimed at improving education and skills for young Aboriginal men, having been appointed to their board in 2006.



Andrew Staples

Director, The Economist Group (Singapore)

Andrew provides insight and analysis on a range of topics related to ASEAN and the broader East Asian economy. He regularly chairs and moderates major Economist events, delivers custom briefings to senior executives and public figures in his areas of expertise, including international political economy, foreign direct investment, corporate strategy and comparative management, and regularly appears in the international media. Andrew has published widely and his major publications include 'Responses to Regionalism in East Asia: Japanese Production Networks in the Automotive Sector' published as part of the Palgrave Macmillan Asian Business Series and chapters in edited volumes including 'Asian Inward and Outward FDI: New Challenges in the Global Economy' and popular textbooks including Asian Business and Management. Andrew has an MSc in East Asian Business and a PhD in International Political Economy from the University of Sheffield, U.K.

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Professor Maria Chiara Bignozzi • Director of Centro Ceramico, Bologna
(Italian Center for Research & Testing for the Ceramics Industry)

Professor Maria Chiara Bignozzi is also Associate Professor in Materials Science & Technology at the School of Engineering and Architecture, University of Bologna, Italy.



Gavin Diener • COO of TZ Minerals International (TZMI)

Gavin has technical, management and business skills gained through experience in plant operation, pilot plant test work, plant design and commissioning, process optimisation, business analysis, operations management and product development. He worked for 16 years in mineral sands, gold and iron operations for the Anglo American group. In 1993, he joined the Namakwa Sands project and was involved in smelting and minerals processing and as Operations Manager; was responsible for the mineral separation business unit.



Simon Brough • General Manager, Zircon Minerals Malaysia (ZMM)

Simon hails from the tableware sector of Stoke-on-Trent (UK), and in 1996 moved to Singapore with Johnson Matthey as Operations Manager responsible for the manufacturing facility in Tuas. He was then appointed China General Manager of the former CDZP zircon milling facility in Changzhou from 2000 to 2007, after which he relocated to Malaysia as the regional Commercial Director for Endeka Ceramics/Zircosil. Following the sale of Zircosil Group, he established Zircon Minerals Malaysia (ZMM).



Bruce McFadzean • MD of Sheffield Resources

A qualified mining engineer with more than 35 years' experience in the global resources industry. Prior to joining Sheffield, Bruce led the financing, development and operation of several new mines around the world. His professional career includes 15 years with BHP Billiton and Rio Tinto in a variety of positions and four years as Managing Director of successful Western Australia gold miner Catalpa Resources Limited (ASX:CAH). He has raised in excess of A\$350 million in debt and equity from Australian and overseas markets.



Xue Wang • VP at Beijing Ruidow

Xue was awarded an M.S. in Chemical Technology from the Chinese Academy of Sciences, and a PhD in Materials Engineering from Leuven University, Belgium. She is now the Vice President of Beijing Ruidow Information Technology Co., Ltd., focusing on the analysis of the Chinese market in zirconium, titanium, lithium, tungsten and rare earth metals.

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Conference speakers continued



Patrick Mutz • MD of Image Resources

Patrick has more than 30 years of international mining industry experience in technical, managerial, consulting and executive roles in all aspects of the industry from exploration through project development, mining and mine rehabilitation, with operational experience in open cut, underground, and in-situ mining and related processing. Since his arrival in Australia in 1998, he has served as CEO/Managing Director of a number of publicly-listed and private mining companies, primarily involved with project development and company transitioning from exploration to production.



Scott Nelson • President & CEO of Titanium Corporation, Canada

Scott began his career in Eastern Canada with financial and project management roles in several large industrial resource companies. In 1980, he joined the oil and gas sector, advancing to hold senior management positions with Dome Petroleum, Amoco Canada and Amerada Hess. He served as an advisor and Chairman of Eurosov Energy PLC, before completing a series of consulting assignments with large North American utilities. He was then recruited by PriceWaterhouse where he served as Project Executive for large energy clients, joining IBM in 2002. Scott joined Titanium Corporation's management team in February 2005.



Burçin Okyar • Radiation Safety Specialist, IAEA

With over 25 years of experience in the field of radiation protection and serves as a Radiation Safety Specialist at the International Atomic Energy Agency (IAEA), where he coordinates the Occupational Radiation Protection Appraisals (ORPAS) missions, contributes to the development of international requirements and guidance related to occupational radiation protection and NORM, and manages the Occupational Radiation Protection Network (ORPNET) website of the IAEA.



Victor Hugo • COO of Kalbar Resources

Victor has over 25 years of experience in the titanium and zircon industries, having worked in a variety of roles for Richards Bay Minerals, Cable Sands, RGC, TZMI and Iluka. He joined Kalbar in 2017 following 13 years working for Iluka in senior leadership roles including GM Exploration, GM Product and Technical Development and GM Sales and Marketing. Victor has a PhD in Geology and wrote his thesis on titanium minerals along the east coast of South Africa.



Scott Coffin • Business Development Manager, ATI Specialty Alloys & Components

Scott has over 20 years' experience in the manufacture and use of specialty metals, including two years in the titanium industry and more than 18 years working with zirconium and hafnium. He is currently a Business Development Manager at ATI. During the course of his career, Scott has held a variety of roles in project management, process improvement and R&D.

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Conference speakers continued



Nick Tsurikov • Director of Calytrix Consulting

Nick is a specialist in radiation protection with over 30 years of experience in the management of NORM. He is currently working as a radiation protection consultant with a broad range of projects worldwide, having previously advised numerous mineral sands companies and logistics operators. Nick is a Member of the Radiological Council of Western Australia and an advisor to the TENORM working groups of the USA Conference of Radiation Control Program Directors. His work experience includes over twenty IAEA Technical Cooperation missions to 16 countries.



Roberto Dante • MD and principal researcher of 2D to 3D

Roberto is MD and principal researcher of 2D to 3D, a knowledge-based company devoted to engineering new materials. He has authored numerous papers on nanotechnology, several patents, and a book entitled 'Friction materials and their applications'. Current research interests include using carbon nitride materials to obtain efficient photocatalysts and the development of new ceramic materials for friction automotive applications.



Alister MacDonald • General Manager-Marketing of Alkane Resources

Alister is General Manager-Marketing of Alkane Resources, a multi-commodity mining and exploration company developing its flagship Dubbo Project, a new source of critical metals, in New South Wales, Australia. He has over 30 years' international experience in various capacities across the zirconium/hafnium industry, from mineral sands to zirconium chemicals and precursors, and technical ceramics components, with an in-depth understanding of the key issues facing critical metals supply from China and elsewhere.



Luke Graham • CEO and MD, Strandline Resources Limited

Luke has a broad range of international leadership, technical and commercial expertise in the execution of major engineering projects within the resources and industrial sectors, including mineral sands, coal, iron ore, copper, gold and alumina. He has extensive experience in managing financial operational performance and achieving strong business growth in difficult market conditions. He joined ASX-listed mineral sands developer Strandline Resources in 2016 as CEO & MD.