Confirmed speakers include:

- Hector Valle, CEO, Mexichem Fluor, Mexico
- Alan Smith, CEO, Sephaku Fluoride, South Africa
- Alessandro Marino, Director, Fluorsid, Italy
- Anna Kamenshchikova, Procurement Manager, Chemical Raw Materials Department, HaloPolymer, Russia
- David Landry, Senior Engineer, Cameco Corporation, Canada
- Dave Hodge, CEO, Zimtu Capital Corp, Canada
- Hassan Nikkar, Managing Director, Fluorspar Production and Mining Company, Iran
- Richard Clemmey, Operations Director, Tertiary Minerals, UK
- Ray Will, Director, IHS Chemical, USA
- Terence P. Stewart, Managing Partner, Law Offices of Stewart and Stewart, USA
- Robert Baylis, General Manager, Roskill Information Services, UK
- Peter Huxtable, Huxtable Associates, UK
- Thomas Dahlike, Process Engineer, Buss ChemTech AG, Switzerland
- M. Michael Miller, Fluorspar Specialist, National Minerals Information Center, US Geological Survey, USA

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“IT is an excellent event for the worldwide fluor industry and you can meet decision makers on the spot.”

Dieter Boese, Gulf Fluor

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Fluorspar 2012

22-24 October 2012 • Sheraton Wall Centre, Vancouver, Canada

The only global conference dedicated to fluorspar, Industrial Minerals Events’ Fluorspar Conference remains the most important event in the industry calendar and explores a number of key topics surrounding the industry at present. Vancouver’s Sheraton Wall Centre will play host to this year’s conference, bringing together the market’s biggest players, from suppliers to end users.

It is more important than ever to secure your position in the global fluorspar industry, whatever your place in the supply chain. The conference will examine the growing trend for industry consolidation and the benefits and risks that vertical integration brings. In addition discover new and niche applications in fluorspar end uses and the latest advances in technology and processing.

China, the world’s biggest producer and consumer, continues to dominate the global fluorspar industry. However, the future of this market is uncertain. In the aftermath of the WTO ruling it is unclear what shape the Chinese export system will take and how this will affect global market dynamics. What will be the impact of a faltering Chinese economy? New projects promise to bring more product to market – how are these operations developing and will they threaten China’s hold?

This is a valuable opportunity to examine the crucial issues facing the fluorspar industry and to network with leading industry professionals. Whatever your position in the supply chain, this is not an opportunity to be missed.

Key topics for discussion:
• The outlook for supply, demand and pricing
• The Chinese market and its impact on the rest of the world
• Trends in the steel sector – the implications for metspar
• New fluorspar projects in the pipeline – how will this affect supply and demand?
• Developments downstream – new applications for fluoropolymers and fluorocarbons
• Advances in technology and processing

Benefits of attending:

Network with key industry figures from across the supply chain

Discuss China and the WTO ruling

Gain insight into price forecasts

Examine the crucial issues facing the fluorspar industry during the next 12 months

Get up to date on new projects in the pipeline

Who should attend?

• Fluorspar producers
• HF, AlF₃ and fluorochemical producers
• Steel mills
• Aluminium producers
• Industry consultants
• Logistics and service providers

Sample of Companies that Attended Last Year:

• 3M
• AD Process Strategies Sarl
• Alufluor AB
• Alkerpoort NV
• Arima Japan Co Ltd
• Arkema Inc
• Asahi Glass Co Ltd
• Axis House Pty Ltd
• BHP Billiton International Metals BV
• Britannia Refined Metals Ltd
• Buss Chemtech AG
• Canada Fluorspar
• Carl Später GmbH
• CCCMC
• Central Glass Co Ltd
• Chencor GmbH
• CMC Cometals
• Daikin Industries Ltd
• Delima Corporation
• Delta Minerals Limited
• Department of Mineral Resources
• Department of Science and Technology
• Derivados Del Fluor SAU
• Do-Fluoride Chemicals Co Ltd
• DuPont Scx
• Eggerding SA Pty Ltd
• ENRC
• Fluorita De Mexico SA DE CV
• FluorOne
• Fluoroid Spa
• Fluorspar Production and Mining Co
• Gulf Fluor
• Hadaway Corporation
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• Honeywell
• Incubex Minerals
• Independent
• Indian Technomac Co Ltd
• Industries Chimiques Du Fluor
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• Kevin Invest LLC
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• Lanxess Deutschland GmbH
• Manatrade AG
• Maroc Phosphore (OCP Group)
• Masan Resources – Nui Phao Mining
• Maxima
• Mexicochem UK
• MID-SHIP Marine Inc
• Minelco Ltd
• MINERSA
• Minmetals Development Co Ltd
• Mitsubishi Corporation
• Mitsui Bussan Plastics Trade Co Ltd
• Mongoliaostvetmet LLC
• MUR Shipping
• Navin Fluorine International Ltd
• Newfluorex
• Okorusu Fluorspar Mine
• Pan Asia Industrial HK Ltd
• Palchem Pty Limited
• Power Base Enterprises Ltd
• Psoms Ltd
• Richny Hong Kong Intl Trading Co
• Rio Tinto
• SA Fluorite (Pty) Ltd and Southern Palace 398 (Pty) Ltd
• Scheruhn Industrie Mineralien
• Seaforth Mineral & Ore Co Inc
• Sephaku Fluorspar Mine
• Sephaku Holding
• Sojitz Corporation
• Solvay Fluor GmbH
• SRF Limited
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• TQC
• Trade & Industry
• UC Rusal
• Uniton Fluoromasters
• Vergenceo Mining Company (Pty) Ltd
• Vimetco
• Wilkop Fluorspar Mine (Pty) Ltd
Monday 22nd October 2012

14:00 Zimtu Capital Corp pre-conference workshop

An invitation to learn about the fluorspar market, the companies exploring new fluorspar deposits and why the public markets should take note

14:30 Welcome and introduction
14:40 Keynote presentation
15:10 Corporate presentations
15:45 Meet and greet speakers and presenting companies

18:00 Welcome drinks reception

Day one
Tuesday 23rd October 2012

08:00 Registration desk opens
09:00 Chairman’s opening remarks

Session I: Market dynamics
09:15 Keynote presentation: Mexico’s key role in the supply chain – from raw material to downstream applications
- Current and projected capacities for acidspar and metspar
- Growing presence in the fluorochemical sector due to integration of raw materials, HF acid and fluorocarbons and the impact it has on exports
- Large industry consolidation and what this means for exports
- How much fluorspar is required for domestic consumption? What is the demand for value added products?
- Where are the main export markets located?
- Is there potential for reactivation of former operations?
Hector Valle, CEO, Mexichem Fluor, Mexico

09:45 Supply and demand dynamics in the global fluorspar market
- Overview of market trends: supply, demand and pricing
- To what extent is the industry exposed to macroeconomic concerns? Should the market be worried by the European crisis?
- Changing dynamics of the supply chain – countering reliance on Chinese supply
- How is the market affected by a faltering Chinese economy?
- Which regions are seeing the most growth?
- What is the short and longer term outlook – are any significant changes expected in the industry within the next 12 months?
Ray Will, Director, IHS Chemical, USA

10:15 Examining the potential of unexploited reserves and impact on the market
- Where are prospective deposits located in North America that are yet to be developed?
- What are the reasons reserves have not been developed intensively? Environmental sensitivities, logistical problems, product quality?
- Supply demand scenarios if a significant amount of new projects come online. How would this alter pricing? Would the market be in a state of oversupply?
M. Michael Miller, Fluorspar Specialist, National Minerals Information Center, US Geological Survey, USA

10:45 Networking refreshment break

Session II: Ensuring fluorspar supply – the role of exploration
11:00 Trends in the steel industry: implications for metspar
- Dependence on the steel market: how is metspar affected by the state of this sector?
- Do all steel mills require metspar as a raw material?
- Does the use of metspar in steel production differ depending on region?
- How has the steel market affected supply and demand dynamics for metspar?
- What are the potential substitutes for the use of metspar as a flux mineral in steel production? Are these a viable alternative?

11:30 Why exploration is the key to a strong, secure supply chain
- The role of companies like Zimtu in the process - from early stage needs identification through production
- The seven year cycle:
  - Exploration (high risk/high return)
  - Development (proof of economics)
  - Production financing and construction
  - Mine operation
- The big question: what is the appropriate stage to get involved in securing future fluorspar inventory for your company?
Dave Hodge, CEO, Zimtu Capital Corp, Canada

12:00 Supply and demand dynamics in the global metspar market
- Overview of market trends: supply, demand and pricing
- To what extent is the industry exposed to macroeconomic concerns? Should the market be worried by the European crisis?
- Changing dynamics of the supply chain – countering reliance on Chinese supply
- How is the market affected by a faltering Chinese economy?
- Which regions are seeing the most growth?
- What is the short and longer term outlook – are any significant changes expected in the industry within the next 12 months?
Ray Will, Director, IHS Chemical, USA

12:30 Metspar in the Middle East: new developments and impact on international supply
- What future production of metspar will be seen in Iran and in the Middle East region?
- Which countries are the main export targets?
- Use of metspar in steel and cement – what is the future demand for these applications and consequently for metspar?
Hassan Nikkar, Managing Director, Fluorspar Production and Mining Company, Iran

13:00 Networking lunch

Session IV: Challenges and opportunities in the downstream sectors
14:30 The new generation of fluoropolymers: forecast demand and new applications
- What is the current demand for fluoropolymers? How much fluorspar do producers require?
- What new applications for fluoropolymers exist?
- The phase out of HCFC-22 – what are the challenges in the environmentally aware market?
Anna Kamenshchikova, Procurement Manager, Chemical Raw Materials Department, Chemical Raw Materials Department, Halopolymer, Russia
15:00 Fluorspar and the AIF₃ industry: what does the future hold?
• Current status and outlook for aluminium demand
• What is the outlook for the use of aluminium in the automotive industry and how will demand for fluor spar be affected?
• How much demand is there for aluminium in emerging economies and how does this impact the AIF₃ market?
• What is the potential for increased use of FSA as a source of fluorine for AIF₃?
• Where will demand for fluor spar in AIF₃ be in five years?

Robert Baylis, General Manager, Roskill Information Services, UK
Peter Huxtable, Huxtable Associates, UK

15:30 Networking refreshment break

16:15 Nuclear energy: industry update and the implications for fluor spar
• Key market drivers for nuclear energy
• How is fluor spar connected to the nuclear industry? What is the expected growth of the nuclear energy industry and what does this mean for fluor spar?
• What impact has Fukushima had on the nuclear industry and consequently for fluor spar?

David Landry, Senior Engineer, Cameco Corporation, Canada

Session V: New projects on the horizon – will new sources threaten China’s hold?

16:45 Tertiary Minerals: building a strategic position in the fluor spar sector
• Outline of the company strategy
• An overview of developments – Storum an and Lassedalen project updates
• What is the expected volume of production, and when is this expected to start?

Richard Clemmey, Operations Director, Tertiary Minerals, UK

17:15 Close of day one followed by evening drinks reception

Day two
Wednesday 24th October 2012

08:30 Registration desk opens

09:15 Chairman’s opening remarks

Session VI: China’s continuing dominance of the fluor spar industry

09:45 The Chinese market: production, consumption and future outlook
• How much fluor spar is required in the domestic Chinese market?
• Current capacities for acid spar, metspar, HF and fluorochemical production
• Investment in higher quality downstream products – how will this affect exports?
• New Chinese fluor spar projects – where and when can we expect new production to come on stream and how will it affect the Chinese and global market?

10:15 Continuing concern in the aftermath of the WTO ruling: how is the market adjusting?
• What exactly is the Chinese stance on fluor spar? Details of export laws, licenses, politics and policies
• Has China brought its policies in line with WTO obligations?
• What shape will the Chinese export system take? If the export tax is removed in the near future will it be replaced by a different tax?
• If China does adhere to the ruling how will global supply and pricing be altered?

Terence P. Stewart, Managing Partner, Law Offices of Stewart and Stewart, USA

10:45 Networking refreshment break

Session VII: Industry consolidation – securing supply through vertical integration

11:30 Protection against exposure to future supply interruptions and price volatility
• Benefits of vertical integration – perspectives from different positions in the supply chain
• Is this the direction in which we can expect the industry to continue?
• How important is it to secure upstream links in the supply chain? In the wake of current market conditions is security over raw material supply and cost more important than ever?

Alessandro Marino, Director, Fluorsid, Italy

12:00 South African fluor spar: new developments at Sephaku Fluoride
• The creation of a domestic fluorochemical beneficiation hub via the Nokeng project
• Projected capacities for acid spar, HF and AIF₃
• When is the proposed venture set for completion?

Alan Smith, CEO, Sephaku Fluoride, South Africa

Session VIII: Technological advances

12:30 Deriving high quality fluorochemicals from phosphate
• How important is it to find alternative raw material sources to fluor spar for the production of fluorochemicals?
• Does technological capability exist to produce hydrogen fluoride from phosphate which is comparable to fluor spar in terms of quality and production cost?

Thomas Dahlke, Process Engineer, Buss ChemTech, Switzerland

13:00 Close of conference and networking lunch

“Great atmosphere, efficient staff, interesting speeches.”
Rebecca Zhang, Steyuan Mineral Resources Group

“The high standard, choice of speakers and their depth of knowledge on each subject was exceptional.”
Ramun Mahadevey, Indian Technomat
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**VENUE**

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