American Metal Market Events

North American Ferroalloys Conference

26th -28th September 2018, Chicago, United States

Wednesday 26th September - Pre-Day Conference

17:30 Welcome drinks party

Connect with old and new friends in a relax environment before the meetings kick-off the next day.

Thursday 27th September – Day One

08:00 Registration desk opens

08:55 Opening remarks

*Chairperson: **Amy Bennett**, Principal Consultant, **Metal Bulletin Research***

Session I: Foundations for a stronger domestic steel industry?

09:00 Outlook for the US economy and politics

- How is the US economy performing in 2018? What is the growth rate forecast for 2019?
- Which domestic economic developments are impacting the demand for steel raw materials?
- NAFTA and Section 232: What has been the impact of NAFTA renegotiations and Section 232?
- Midterm elections: Looking at the big picture of how this can shape the American political landscape for many years to come

Dean Pinkert, Partner, **Hughes Hubbard & Reed LLP**

09:30 Section 232: What are the benefits and negatives?

- Understanding Section 232 and its implications so far
- What are the predictions for the future?
- With Section 232, has the US entered a period of protectionism?

Moderator: Chris Kavanagh, Senior Pricing Reporter, **American Metal Markets**
Peter Koenig, Of Counsel Attorney, **Squire Patton Boggs**
Chris Weld, Partner, **Wiley Rein**
Laurence Lasoff, Partner, **Kelley Drye & Warren**

10:30 Networking coffee break

Session II: Supply and demand of ferroalloys and steel outlook

11:00 Assessing the alloys: Taking a closer look at supply and demand dynamics

- Domestic production and consumption: What is the outlook for silicon, manganese, molybdenum and vanadium for the domestic steel market?
- Tariff 232: How is the US coping with international competition?
- China and its environmental regulations: How has the alloy industry been impacted?
- Which alloys will be in more demand in 2019?

Moderator: Amy Bennett, Principal Consultant, **Metal Bulletin Research**
Mark Smith, CEO, **Largo Resources**
Dmitry Pastour, CEO, **Unichrome AG**

11:45 Carbon and stainless steel outlook: How do the winds blow in 2018?

- How has the domestic steel industry been affected by Section 232?
- Has the relationship between the US steel market and international market changed much?
- What are the growth trends and market forecasts for 2019?
- Overview of US steel product types and implications for alloy demand

Amy Bennett, Principal Consultant, **Metal Bulletin Research**

12:15 How are pricing trends developing within America and in other regions?

- Looking back: What have been the pricing trends of 2018?
- How has Tariff 232 affected prices within the American market?
- How are supply and demand dynamics across different regions impacted by higher prices?
- Which steel markets are driving the raw materials prices?

Chris Kavanagh, Senior Pricing Reporter, **American Metal Markets**

12:45 Networking lunch

Session III: Battery boom and its impact on the ferroalloys industry

14:15 Panel: The electric revolution: Understanding the global impact

- Aluminium versus steel: With lightweight cars, can steel continue to "do the job"?
- Which alloys do automotive makers need steel products to keep steel as the essential raw material in auto making?
- Will vehicle manufacturers add more noble alloys (vanadium and niobium) to the steel mix?
- Vanadium-flow batteries, will they become the future battery in the renewable energy sector? What will the consequences be for the steel industry?
- Graphite: What is graphite's future demand picture for batteries and its use by steel mills?

Moderator: Chris Kavanagh, Senior Pricing Reporter, **American Metal Markets**
Terry Perles, President, **TTP Squared, Inc.**
Kevin Riddell, Senior Manager, **LMC Automotive [to give brief presentation]**

15:00 Implications on trade laws and the silicon and solar industry

James May, CEO, **Midland Silicon Company**

15:30 Networking break

Roundtables

16:00 Silicon metal and renewables

Discussions include:

- How have trade laws impacted the silicon industry?
- Silicon metal: How has the industry been affected by the aluminium tariffs?
- What opportunities are available for silicon in the renewable energy market?

Peter Koenig, Of Counsel Attorney, **Squire Patton Boggs**
James May, CEO, **Midland Silicon Company**

17:00 Manganese alloy and ferrosilicon

Discussions include:

- The disconnect between prices for manganese ore and ferromanganese
- What is the supply and pricing outlook for manganese ore?
- How has the Chinese manganese market been affected by the environmental regulations?
- What is the global impact of reduced ferrosilicon production in China?

Pedro Larrea, CEO, **Ferroglobe**

18:00 End of day one

Friday 28th September – Day Two

08:30 Registration desk opens

08:55 Opening remarks

Roundtables

09:00 Ferrochrome and chrome ore

Discussions include:

- High carbon versus low carbon steel demand
- Sector 232: How has it affected the North American market?
- What challenges have come about as a result of the graphite electrodes shortage?

Barry Lazar, CEO, **Medima**
Chris Wild, Partner, **Wiley Rein**
Dmitry Pastour, CEO, **Unichrome AG**

10:00 Nickel

Discussions include:

- Tariffs: Does it have implications for ferronickel?
- Given the growing demand for nickel in batteries, will nickel producers find it harder to compete for higher grade nickel?
- How are major miners reacting to the surge of sulphate demand?
- Investment: What is necessary to secure the nickel supply in both battery and stainless steel?

Mark Selby, President and CEO, **Royal Nickel Corporation**
Tom Jenneman, Non-Ferrous Reporter, **American Metal Market**

11:00 Molybdenum

Discussions include:

- Price volatility in 2018: Taking a closer look at supply and demand dynamics
- How is the oil and gas sector impacting the demand and price of molybdenum?
- Will the supply side take advantage of growing demand for copper, with molybdenum being a by-product?

Chris Gnann, Director Metallurgical Sales & Commercial Operations, **Climax Molybdenum**
Chris Kavanagh, Senior Pricing Reporter, **American Metal Markets**

12:00 Vanadium

Discussions include:

- How much capacity and consumption is there globally and more specifically in China?
- Are the high prices sustainable?
- If prices drop, will investment come in for battery research and new projects?
- Chinese environmental regulations: How have they impacted the global vanadium industry?
- Sector 232: How does this legislation affect steel mills?
- How will a possible future increase in vanadium production impact the titanium market?

Mark Smith, CEO, **Largo Resources**
Paolo Rizzo, Director of North America, **Sideralloys NA**
Terry Perles, President, **TTP Squared, Inc.**

13:00 End of day two and networking lunch