



Asian Stainless Steel & Alloys Forum 2019

June 18-19, 2019 | Shanghai, China
 Renaissance Shanghai Zhongshan Park Hotel

Artificial Intelligence (AI) - New Opportunities for Stainless Steel

(Simultaneous translation provided)

Day One:
 Tuesday, June 18

08:00	Registration desk opens
	MODULE 1: Stainless Steel Production & Capacities <ul style="list-style-type: none"> ▪ STS ramp-up in Indonesia - Implications for mainland China ▪ Factors that could slow down ramp-up in Indonesia ▪ Capacity developments in China and other Asia - consolidation ahead? ▪ 4-in-1 production systems – impact for European mills? ▪ Can environmental regulation stop the success of 4-in-1 production systems? ▪ Cost pressures on STS manufacturing (electrodes, refractories, labour, gases, etc.) ▪ Are Chinese mills losing their cost competitiveness? ▪ Profitability of Asian STS producers ▪ Rise of protectionism and trade restrictions - impact for Chinese mills ▪ The impact of protectionism on offshoring of STS products (fittings, appliances etc.) ▪ Made in China 2025 - opportunities for stainless steel
08:40	Welcome remarks Zhifeng Jin , President of Minmetals Economic Research Institute, China Minmetals Corporation , China
08:50	Chairman's opening remarks Markus Moll , Managing Director, SMR – Steel and Metals Market Research , Austria
09:00	Status and outlook of Chinese stainless steel industry Chuang Li , Chief Designer, China Metallurgical Industry Planning and Research Institute , China
09:20	TISCO's practices of making high quality stainless steel products Hai Nan , Technology Center Director, Shanxi Taigang Stainless Steel Co Ltd , China
09:35	BAOSTEEL DESHENG: The inheritance and development of BAOWU Stainless Steel Haifeng Yu , Director of Stainless Steel Technology Centre, Baosteel Central Research Institute , China
09:50	Nippon Steel Stainless Steel and the changing Japanese stainless steel industry Qianli Zhang , Manager Coil & Sheet Products Global Marketing Dept., NIPPON STEEL Stainless Steel Corporation , Japan
10:05	Panel Discussion <ul style="list-style-type: none"> ▪ Hai Nan, Technology Center Director, Shanxi Taigang Stainless Steel Co Ltd, China ▪ Haifeng Yu, Director of Stainless Steel Technology Centre, Baosteel Central Research Institute, China ▪ Suiqiang Jiang, General Manager, Stainless Steel Company of Hongxing Iron & Steel Co Ltd, JISCO Group, China ▪ Bin Tang, Vice President, Angang Lianzhong (Guangzhou) Stainless Steel Co Ltd, China ▪ Yubing Ni, Director of Sales Group, POSCO (Zhangjiagang) Stainless Steel Co Ltd, China ▪ Qianli Zhang, Manager Coil & Sheet Products Global Marketing Dept., NIPPON STEEL Stainless Steel Corp., Japan
10:45	Networking Refreshment Break
	MODULE 2: Super Alloys and Special Stainless Steels / E-Mobility <ul style="list-style-type: none"> ▪ Corrosion-resistant/nickel alloy market 2019 and beyond ▪ Applications for corrosion-resistant/nickel alloys and special stainless steel ▪ Will China become the next aerospace super-power? ▪ Chinese mills moving from commodities to high end STS and corrosion-resistant/nickel alloys ▪ Market and applications for duplex, superferritics, superaustenitics ▪ Cars 'Made in China' for the World & Impact of e-mobility ▪ New mobility concepts, implications for special steel products ▪ Electric & hybrid cars and their impact on stainless steel
	Chairman Wolfgang Lipp , Vice President, SMR – Steel and Metals Market Research , Austria
11:15	The World of Nickel Alloys - Applications, Trends & Outlook Markus Moll , Managing Director, SMR – Steel and Metals Market Research , Austria

11:30	Baowu SM's valued-added alloys development strategy and end-use demand Chun Chen, Deputy General Manager, Production, Sales and Research Operations Center, Baowu Special Metallurgy Co Ltd , China
11:45	The Outokumpu digital journey Tamara Weinert, Senior Vice President - Sales Southern Europe & Overseas, Outokumpu BA Europe , Germany
12:00	Development of EV and application technology of magnetic materials Ruilin Pei, CEO, Suzhou Inn-Mag New Energy Ltd , China (PhD, Professor, The National Thousand Talents Plan special expert)
12:15	Panel Discussion: <ul style="list-style-type: none"> ▪ Markus Moll, Managing Director, SMR – Steel and Metals Market Research, Austria ▪ Chun Chen, Deputy General Manager, Production, Sales and Research Operations Center, Baowu Special Metallurgy Co Ltd, China ▪ Ziping Liu, Executive Deputy General Manager, ZhongXing Energy Equipment Co Ltd, China ▪ Tamara Weinert, Senior Vice President – Sales Southern Europe & Overseas, Outokumpu BA Europe, Germany ▪ Ruilin Pei, CEO, Suzhou Inn-Mag New Energy Ltd, China (PhD, Professor, The National Thousand Talents Plan special expert)
12:45	Networking Lunch
	MODULE 3: Distributions / End Use <ul style="list-style-type: none"> • The future for STS distribution • How is digitalization changing distribution of stainless steel and nickel alloys? • How can we prevent that companies like Alibaba or Amazon are taking over control of steel distribution? • Recovery of project business? • Global Outlook for Chemical Process Projects • The future of power generation - how can we meet the rising electricity demand? • Applications for STS in architecture, building & construction • Prospects of STS usage in water pipes
	Chairman Wolfgang Lipp, Vice President, SMR – Steel and Metals Market Research , Austria
14:00	Adapting to Protectionism Hongchang Lu, Managing Director, Global Stainless Steel Inc. , Canada
14:30	The UK Stainless Steel Market - will Brexit make it the new honey pot for Asian stainless exporters ? Tony Lockley, Managing Director, Inoxko Ltd , UK
14:45	New opportunities for stainless steel water pipe in China - analyzed in accordance with the international market Hui Liu, Sales Director, Zhejiang Zhengkang Industry Co Ltd , China
15:00	Stainless steel in architecture - Light Interference colour (LIC) Jack Yu, Chairman & President, Evershining International (H.K.) Limited , Managing Director, Guangzhou Eversunny Trading Co Ltd , China
15:15	Panel Discussion <ul style="list-style-type: none"> ▪ Vivian Zhao, Head of Procurement Center, Morimatsu (China) Group, China ▪ Robin Wang, General Manager Procurement Department, Wison Offshore & Marine Limited, China ▪ Hui Liu, Sales Director, Zhejiang Zhengkang Industry Co Ltd, China ▪ Jack Yu, Chairman & President, Evershining International (H.K.) Limited, and Managing Director, Guangzhou Eversunny Trading Co Ltd, China ▪ Jonathan Zhong, Director-Stainless Steel Business Department, TCBC Procurement Sharing Center, SHENZHEN CIMC TCBC SUPPLY CHAIN CO LTD, China
15:45	Networking Refreshment Break
16:15	Fireside Chat Top senior industry specialists will discuss opportunities, challenges and threats to the stainless steel industry as we move through the year and into 2020. Moderator: Markus Moll, Managing Director, SMR – Steel and Metals Market Research , Austria Panelists: <ul style="list-style-type: none"> ▪ Ruying He, Vice Chairman, DeLong Nickel Industry Co Ltd, China ▪ Denny Lee, President/CEO, Zhejiang JIULI Hi-Tech Metals Co Ltd, China ▪ Qingzhou Huang, General Manager, Beihai Chengde Company, China ▪ Tamara Weinert, Senior Vice President – Sales Southern Europe & Overseas, Outokumpu BA Europe, Germany ▪ Mark E. Davis, Managing Director, Bahru Stainless SDN BHD, Malaysia ▪ Qingyuan Jiang, Chairman, Baosteel Desheng Stainless Steel Co Ltd, China
17:30	End of Day 1
17:45 - 19:15	Cocktail Reception Conference Hotel – Zpark Bar sponsored by Global Stainless Steel Inc. 

Day Two: Wednesday, June 19	
	MODULE 4: Raw Materials: Nickel, Batteries and Impact on Nickel <ul style="list-style-type: none"> • Ni deficit or surplus in 2019 and 2020 (supply/demand)? • Will NPI completely replace Class I Ni in stainless applications? • Is the LME / SHFE becoming obsolete? New pricing models for Ni • LME warehouse stocks decline - stockpiled in off-exchange warehouses or actual consumption? • Scenarios for Ni in Batteries - which will be the winning technology? • Another round of environmental inspections in China – a danger to raw material supply?
08:50	Chairman's opening remarks Robert Messmer , Market Analyst, SMR – Steel and Metals Market Research , Austria
09:00	Nickel and cobalt feed for batteries - supply reaction to the rapidly growing industry and impact on other consuming sectors Dmitry Zamula , Sales Manager, Noriisk Nickel Marketing (Shanghai) Co Ltd , China
09:20	Nickel in Batteries Geng Zuo , Chief Researcher, Minmetals Corporation Research Institute , China
09:40	Panel Discussion <ul style="list-style-type: none"> • Haijun Wang, President, Shanghai Decent Investment (Group) Co Ltd, Tsingshan Iron & Steel, China • Guocheng Pan, Vice Chairman and CEO, Hanking Industrial Group Co Ltd, China • Dmitry Zamula, Sales Manager, Noriisk Nickel Marketing (Shanghai) Co Ltd, China • Geng Zuo, Chief Researcher, Minmetals Corporation Research Institute, China • Jeffrey Zhang, Manager - Sales Stainless Steel Raw Materials Asia, AngloAmerican Marketing Limited, Singapore • Tomohiro Madarame, Sales Manager, Nickel & Cobalt, Sumitomo Corporation, Japan • Owen Yu, Founder, Guangzhou Decheng Nickel and Cobalt Consulting Co Ltd, China
10:30	Networking Refreshment Break
	MODULE 5: Raw Materials: Chrome, Molybdenum, Scrap <ul style="list-style-type: none"> • Cr consolidation in South Africa vs. expansion in China – what is up next? • Will Zimbabwe come back stronger than ever in Chrome? • Future scrap pricing - a chance to stay competitive against 4-in-1? • Rising Mo prices due to lower output of by-product mines? • Will oil & gas recover and drive Mo demand?
	Chairman Robert Messmer , Market Analyst, SMR – Steel and Metals Market Research , Austria
11:00	Scrap: Part of the Raw Material Mix & an Environmentally Friendly Option Gerhard Pariser , Head of Market Research, ELG Haniel GmbH , Germany
11:20	Review and outlook of China molybdenum market Zhongqiang Jiang , Vice General Manager, China Molybdenum Co Ltd , China
11:40	Raw Material Wrap-up: Challenges and Opportunities Robert Messmer , Market Analyst, SMR – Steel and Metals Market Research , Austria
12:00	Panel Discussion: <ul style="list-style-type: none"> • Gerhard Pariser, Head of Market Research, ELG Haniel GmbH, Germany • Zhongqiang Jiang, Vice General Manager, China Molybdenum Co Ltd, China • Robert Messmer, Market Analyst, SMR – Steel and Metals Market Research, Austria • Yi-Hung (Meeko) Wu, Manager, Raw Materials Division, Fujian Fuxin Special Steel Co Ltd, China
12:30	Networking Lunch
	MODULE 6: Digitalization & AI / Future Mobility <ul style="list-style-type: none"> • What separates Industry 4.0 from Industry 3.0? • How the cyber-physical systems work? • How big should it be to be called "big data"? • How can we ensure cyber-security? • How much AI will affect the whole industry as well as personal lifestyle? • What will happen if Internet-of-Things gets combined with 5G? • What are the obstacles for quick implementation of digital solutions? • Impact of digitalization on workforce – from steel worker to IT specialist? • Productivity enhancement potentials in STS production • Artificial intelligence in the automotive industry • Will autonomous driving solve traffic jams and accidents? • New mobility concepts • Transformation to sustainable mobility? • Opportunities for stainless steel in fuel cells
	Chairman Wolfgang Lipp , Vice President, SMR – Steel and Metals Market Research , Austria
13:50	Artificial Intelligence and the Fourth Industrial Revolution John Kwon , Vice President, SMR – Steel and Metals Market Research , Austria

14:10	AI in the automotive industry Barbara Sichler, Senior Manager Sales Digitalization, SAIC Volkswagen , China
14:30	Transformation to sustainable mobility Kevin Jin, China Deputy Purchasing Director, Faurecia Clean Mobility , China
14:45	EFFECTIVE AND SAFE: the other side of 4.0 digitalization Vittorio Boneschi, Technical-Commercial / Quality Area Responsible, Lucefin Group , Italy
15:05	Panel Discussion <ul style="list-style-type: none"> ▪ John Kwon, Vice President, SMR – Steel and Metals Market Research, Austria ▪ Kevin Jin, China Deputy Purchasing Director, Faurecia Clean Mobility, China ▪ Vittorio Boneschi, Technical-Commercial / Quality Area Responsible, Lucefin Group, Italy ▪ Barbara Sichler, Senior Manager Sales Digitalization, SAIC Volkswagen, China
15:30	Networking Refreshment Break
	MODULE 7: <u>Stainless Steel & Nickel Alloy - Market Trends & Outlook, Futures</u> <ul style="list-style-type: none"> • Where do we stand in the business cycle? • Which industries or regions are booming? Where are the hotspots? • Has project business in oil & gas and CPI recovered? • Trends in premium steel segments? Powder production on the rise? • Is 3D printing a risk for forged products and castings? • Global trends & outlook: Profitability 2019 vs. 2018 • Development trend of nickel/stainless steel electronic trading and futures • How to use futures to hedge and arbitrage?
	Chairman Markus Moll, Managing Director, SMR – Steel and Metals Market Research , Austria
16:00	Stainless Steel in 2019 - what is hot, what is not? Wolfgang Lipp, Vice President, SMR - Steel & Metals Market Research , Austria
16:20	Stainless steel futures and electronic trading - impact on the spot market Yu Mao, COO, Jiangsu Maigangle Exchange Co Ltd , China
16:40	Panel Discussion <ul style="list-style-type: none"> ▪ Wolfgang Lipp, Vice President, SMR - Steel & Metals Market Research, Austria ▪ Yu Mao, COO, Jiangsu Maigangle Exchange Co Ltd, China ▪ Gang Wang, Senior Analyst, Nickel and Stainless Steel, Deputy Director of Hard Commodities Department, COFCO Futures Co Ltd, China ▪ Jian Feng, General Manager, Wuxi Stainless Steel Exchange, China
17:00	Close of Conference

Note: This programme is provisional only and both timings and content may be subject to change.