

# 2023 SEASI Conference & Exhibition

13-15 May 2024 • Ariyana Convention Center

~ Conference Programme ~

SUNDAY, 12 May 2024

TIME		ACTIVITY	LOCATION
14:00	20:00	Pre-Registration	14:00hr-18:00hr at Furama Resort Danang Lobby, 18:00hr-20:00hr at Welcome Reception venue (Furama beach)
17:30	18:30	Chairpersons & Speakers Briefing	Gallery room 1&2, Level 2, Furama Resort Danang
19:00	21:00	Welcome Reception	Furama beach

MONDAY, 13 May 2024

TIME		ACTIVITY
07:30	08:00	Registration

## OPENING CEREMONY

08:45	09:00	Housekeeping Announcement
09:00	9:10	Welcoming Address by, Mr. Nghiem Xuan Da, Chairman of Vietnam Steel Association; President of Vietnam Steel Corporation (Vnsteel)
9:10	9:20	Opening Address by Board Director of Malaysia, Chairman of South East Asia Iron and Steel Institute (SEASI)
9:20	9:40	Special Address by Mr. Tran Chi Cuong, Vice Chairman of Danang People's Committee

9:40 10:25 Tour of Exhibition Area/ Coffee Break

## KEYNOTE SESSION - Surviving and Thriving in the Decarbonized World

MODERATOR - Win Viriyaprapaikit

10:25	10:55	Dr. Edwin Basson, Director General, World Steel Association
10:55	11:25	Antonio Della Pelle, EAP Industrial Decarbonization Lead, International Finance Corporation (IFC)
11:25	11:55	Nghiem Xuan Da, President of VnSteel, Chairman of Vietnam Steel Association
11:55	12:40	CEO Panel Discussion

12:40 13:40 LUNCH BREAK

## AFTERNOON SESSION

### SESSION 1 - VIETNAM FOCUS

Chairperson - Le Viet

TIME	ACTIVITY	SPEAKER	PAPER TITLE	INSTITUTION	
13:40	14:00	Presentation 1	Hoang Van Tam	Action Plan to Respond to Climate Change and Green Growth of Vietnam's Industry for the Period to 2030, Vision to 2050 and Suggestion for Vietnam's Steel Industry	Deputy Head of Climate Change and Green Growth Office, Ministry of Industry and Trade (MOIT)
14:00	14:20	Presentation 2	Prof. Dr. Bui Anh Hoa	Vietnam Steel Industry - Solutions in Science and Technology to Reduce Carbon Emission in the Future	Head of Materials Engineering Department, School of Materials Science and Engineering, Hanoi University of Science and Technology
14:20	14:40	Presentation 3	Nguyen Viet Thang/ Ngo Duc Tuyen	Hoa Phat Future Investment Towards The Green Growth Strategy of Vietnam's Steel Industry	Hoa Phat Group
14:40	15:00	Panel Discussion/ Q&A			

TIME	ACTIVITY	SPEAKER	PAPER TITLE	INSTITUTION
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### SESSION 2 - REGIONAL DEVELOPMENTS

Chairperson - Wellington Tong

15:00	15:20	Presentation 1	Yeoh Wee Jin	State of the ASEAN Steel Industry and Thriving & Surviving in the Decarbonised World	SEASI
15:20	15:40	Presentation 2	Shaon Zhang	China's Steel Supply & Demand Prospects and Policy Interpretation	MySteel, China
15:40	16:00	Presentation 3	Bishnu Sarkar/Pritish K. Sen	India's March Towards 300 Mtpa Steelmaking Capacity With Sustainable Technology	Steel Tech, India
16:00	16:20	Panel Discussion/ Q&A			

16:20 16:40 COFFEE BREAK

### SESSION 3 - RAW MATERIALS & STEEL MARKET PERSPECTIVES

Chairperson - Eugene Ng

16:40	17:00	Presentation 1	Tomas Gutierrez	Southeast Asian Steel from the Global Perspective	Kallanish
17:00	17:20	Presentation 2	Edric Koh	Update on Steel Derivatives Market and Uses	LME
17:20	17:40	Presentation 3	Atila Widnell	Uncovering the Latest Real-time Trends & Themes in Iron Ore, Steel and Ferrous Scrap Markets Using Satellite-based Technologies	Navigate Commodities
17:40	18:00	Presentation 4	Dhruv Goel	How will Steelmaking Capacity Expansion in India and ASEAN Impact the Coking Coal Market?	BigMint
18:00	18:20	Panel Discussion/ Q&A			

19:00 22:00 Welcome Dinner - Hosted by Vietnam Steel Association

# 2024 SEASI Conference & Exhibition

13-16 May 2024 • Ariyana Convention Center

Tuesday 14 May 2024

TIME	ACTIVITY	SPEAKER	PAPER TITLE	INSTITUTION
<b>MORNING SESSION</b>				
<b>SESSION 4 - COUNTRY REPORTS I (Chairperson - Mr. Yeoh Wee Jin)</b>				
09:00	9:20	Country Report 1	Director of Indonesia	Update on Iron & Steel Industry Situation in Indonesia The Indonesian Iron and Steel Industry Association
9:20	9:40	Country Report 2	Director of Malaysia	Update on Iron & Steel Industry Situation in Malaysia Malaysian Iron and Steel Industry Federation
9:40	10:00	Country Report 3	Director of Myanmar	Update on Iron & Steel Industry Situation in Myanmar Myanmar Steel Association
10:00	10:20	Country Report 4	Director of Philippines	Update on Iron & Steel Industry Situation in Philippines Philippine Iron and Steel Institute
<b>10:20 10:40 COFFEE BREAK</b>				
<b>SESSION 5 - COUNTRY REPORTS II (Chairperson - Mr. Yeoh Wee Jin) - 5 chairs</b>				
10:40	11:00	Country Report 5	Director of Singapore	Update on Iron & Steel Industry Situation in Singapore National Committee, Singapore
11:00	11:20	Country Report 6	Director of Taiwan	Update on Iron & Steel Industry Situation in Taiwan Taiwan Steel & Iron Industries Association
11:20	11:40	Country Report 7	Director of Thailand	Update on Iron & Steel Industry Situation in Thailand Iron and Steel Institute of Thailand
11:40	12:00	Country Report 8	Director of Vietnam	Update on Iron & Steel Industry Situation in Vietnam Vietnam Steel Association
<b>12:00 13:00 LUNCH BREAK</b>				
TIME	SPEAKER/ INSTITUTION	PAPER TITLE	SPEAKER/ INSTITUTION	PAPER TITLE
<b>AFTERNOON SESSION</b>				
<b>SESSION 6 A - Overcoming Challenges in Green Steel Competitiveness</b> Chairperson - Pek Choong Hong			<b>SESSION 6 B - Smart Plant Management</b> Chairperson - Joel T. Ronquilo	
13:00	13:20	Shankhadeep Mukherjee CRU	Green Steel Premiums: The CRU Approach	Manos Skalidakis Sarclad Limited, UK Strand Condition Monitoring for Continuous Monitoring for Continuous Slab and Large Bloom Casters
13:20	13:40	Terry Chuay Argus Media	Challenges and Possible Solution to Counter Price Volatility for the Ferrous Market Heading towards Decarbonisation	Minh Quoc Truong SMS group, Vietnam Integrated Performance Services - Life Cycle Partnership
13:40	14:00	Joanne Ju S&P Global Commodity Insights	The Future of Asian Steel and Scrap: Decarbonization amid Overcapacity	Kurt Herzog Primetals Technologies, Austria Integrated Production Management, Logistics and Quality Control Along the Entire Production Chain with Digital Solutions from Primetals Technologies.
<b>SESSION 7 A - Emerging Technologies in Steel Industry I</b> Chairperson - Kai Yu Wu			<b>SESSION 7 B - Eco-Friendly Mill Solution I</b> Chairperson - Somsak Pikkanesuan	
14:00	14:20	Mike Nitschke H Kleinknecht.& Co. GmbH, Germany	GPC3 – Grinder Process Control – Version 3: The New Benchmark for Roll Grinder Controls	Gajanan Doijad Linde Gases, Malaysia Energy-Efficiency and Decarbonization Pathways
14:20	14:40	Tim-Oliver Mattern Carl Bechem GmbH, Germany	Greases for Water Intense Applications in Casting and Rolling Operations	Mike Gao John Cockerill, China Eco-Friendly Acid Regeneration to Help Decarbonize the Steel Industry
14:40	15:00	Armando Vazquez Tenova Goodfellow Inc., Canada	Tenova's i EAF® Technology for Advanced Dynamic Control, Reduced GHG and Improved Risk Mitigation	Carlo Piemonte Primetals Technologies Austria GmbH, Austria Efficient Eco-friendly Minimill for Steel Flat Products – Primetals EAF Quantum and Arvedi ESP: Concept and Operation Results at Fujian Dingsheng, China
15:00	15:20	Enrico Plazzogna Danieli Automation, Italy	Danieli-Patented Q-One Power Feeder for Improved Electric Steelmaking and Near to Zero Disturbance on the Power Network.	Luo Caizhi Sunpower Tech, China Waste Heat Recovery Technologies for Carbon Emission Deduction in Green Steel Making industry
<b>15:20 15:40 COFFEE BREAK</b>				
<b>SESSION 8 A - Technological Advancement in Steel Industry</b> Chairperson - Ng Kek Loon			<b>SESSION 8 B - Digital Transformation in Steel</b> Chairperson - Bimakarsa Wijaya	
15:40	16:00	Grant McBain Sarclad Limited, UK	Advances in Roll Texturing for Surface Critical Strip Applications	YAP Chin Seng UK Certification Authority for Reinforcing Steels (CARES), UK Digitalisation of Construction Products
16:00	16:20	Michael Pogrebinski SMS group, Germany	Bringing Key Advantages Together: The Nexus Concept (Flat Casting and Rolling Segment)	Armando Vazquez Tenova Goodfellow Inc., Canada Digital Transformation & Approach for Advanced Risk Mitigation in the Electric Arc Furnace
16:20	16:40	Chatterjee, Shankha Almatis Alumina Priv.Ltd., India	Trends in High Alumina Refractory Developments for Innovative Solutions in Iron and Steel Applications	Takashi Katayama JFE Steel Corporation, Japan Shape Judgment Using Image Recognition Software with Learning Function
16:40	17:00	Dr. Jitendra Patel CBMM Technology Suisse SA, UK	Supporting the Transition to a Low-Carbon Economy with Low-Emission Ferro-Niobium (FeNb) Alloy and Application of Nb-Higher Strength Structural Steels	Yohei Satta JP Steel Plantech, Japan Automation and Manpower Saving in Mini-mills Using Robots and Digital Technology - The Hot Rolled Long Products Sampling Robot on the Cooling Bed etc.
17:00	17:20	Wang Yao WISDRI, China	Key Process Technologies and Equipment for Cold Rolled Strip Steel of WISDRI	Thomas Reinschmidt Heinrich Georg GmbH, Germany Automation and Digitalization in Today's Advanced Roll-Shops. What Do Customers Really Need?
17:20	17:40	Vincent Pot Fives Stein, France	Energy Efficiency Challenges in Color Coating Lines	Chao-Yung Hsu China Steel Corporation, Taiwan RAG-Based Approach for Reliable Equipment Maintenance Guidance: Tackling Hallucination in Large Language Models
<b>END OF DAY TWO</b>				

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Wednesday 15 May 2024					
TIME	SPEAKER/ INSTITUTION		PAPER TITLE	SPEAKER/ INSTITUTION	
<b>MORNING SESSION</b>					
<b>SESSION 9 A - Technology Solution for Operation Excellence</b> Chairperson - Ibnu Sina (6 chairs)			<b>SESSION 9 B - Quality Assurance in Steel Manufacturing</b> Chairperson - Tim Oliver (6 chairs)		
09:00	9:20	Dr. In-hyeon Jeong POSCO, Korea	Application of Deep Learning Method to Optimize the Fuel Efficiency in Sinter-Ore Manufacturing	Roman Haap Lechler GmbH, Germany	Improved Energy Efficiency and Surface Quality in High Pressure Descaling
9:20	9:40	Bintang Bergas Cendekia ABB Metallurgy, Sweden	Comparative Study of Bottom Gas Stirring vs Electromagnetic Stirring Applied in Electric Arc Furnace	Prof. Yuan-Fang Chen National Cheng Kung University, Taiwan	Developing Automated Optical Image Detection Technology in Industrial Facilities for Straightness Measurement of H-beam Steel
9:40	10:00	Bharat Bamrah Hyperion, India	Increasing Mill Productivity by Converting Cast Iron Rolls to Tungsten Carbide	Hwang, Hyeong-Ryeol ISRA VISION Korea Co., Ltd., Korea	Highest Surface Quality in Galvanizing Lines Powered by Multiple Views and Artificial Intelligence
10:00	10:20	Busch, Günter ALD Vacuum Technologies (Thailand) Co. Ltd., Thailand	Embedded Production of High Grade Steel, Using Existing Process Route with Electro Arc Furnace (EAF)	Tomoaki Hotokebuchi JFE Steel Corporation, Japan	Improvement of Length Accuracy in Hot Saw Process for Shape Steel
10:20	10:40	Kun-You Tsai China Steel Corporation, Taiwan	Recent Development and Improvement of Non-Quenched and Tempered Steels	Andreas Goeke IMS Messsysteme GmbH, Germany	Combined Surcon 2D and 3D Surface Inspection in a Pickling Line
<b>10:40 11:00 COFFEE BREAK</b>					
<b>SESSION 10 A - Sustainable Steel Production</b> Chairperson - Natarajan Saravanan (6 chairs)			<b>SESSION 10 B - Eco-Friendly Mill Solution II</b> Chairperson - Mike Nitschke (6 chairs)		
11:00	11:20	Pierpaolo Rivetti SMS group, Switzerland	Smart Products to Improve Competitiveness in Long Casting	Ayhan Tugrul UK Certification Authority for Reinforcing Steels (CARES), UK	Scrap Metal Recycling in Steel Production in ASEAN: Sustainable Practices and Challenges
11:20	11:40	Gawinphat Nithitechaset Asia Metal Public Company Limited, Thailand	Enhancing Efficiency in Wastewater Management for Sustainable Galvanized Steel Coil Manufacturing	Bernhard Steenken SMS group, Singapore	Preparing for the Future: Decarbonization and Green Steel Technologies to Handle Industrial Growth and Rising Decarbonization Targets in a Global Competition
11:40	12:00	Prashanth Mysore Dassault Systèmes, Singapore	Unlocking the Digital and Sustainable Path of Green Steel Transformation	Guido van Hattum Danieli Corus BV, The Netherlands	Danieli Corus Decarbonization Technology for a Sustainable BF-BOF Steelmaking
12:00	12:20	Alexander Fleischanderl Primetals Technologies, Austria	Green Steel – Moving from Pledges towards Execution	Tsai-Ying Chu China Steel Corporation, Taiwan	The Study of the Environmental Characteristics and Engineering Behavior of Basic Oxygen Furnace Slag Mixed with Dredged Sediment of Land Reclamation
12:20	12:40	Andrea GRASELLI Tenova S.p.A., Italy	Sustainable Production of Carbon Steel: Results of an Operating Reerence Using TENOVA CONSTEEL® EAF	Nurus Syhadah Krakatau Posco, Indonesia	Navigating Uncertainty: A Guide to Risk Management for Sustainable Business in a Decarbonized Era
<b>12:40 13:40 LUNCH BREAK</b>					
<b>AFTERNOON SESSION</b>					
<b>SESSION 11 A - Process Improvement</b> Chairperson - Joel T. Ronquilo (7 chairs)			<b>SESSION 11 B - Decarbonization Concept for a Better Steel</b> Chairperson - Tang Siew Chuan (7 chairs)		
13:40	14:00	Prof. Dr. Ming Tzer Lin National Chung Hsing University, Taiwan	Design and Development of Non-Contact Image Sensing Method on the 3D Profiling of H-Shaped Hot-Rolled Steel Sections	Wufeng Tang Air Liquide S.A., France	Decarbonization strategies: Hydrogen and Carbon Capture Solutions for a Green Steel Industry
14:00	14:20	Michel BOYER John Cockerill, Belgium	JET Vapour Deposition: A Novel High-Productivity Vacuum Coating Technology with Superior Properties Offering Steelmakers a High Degree of Coating Flexibility and New Coating Possibilities.	My Hanh Nguyen TotalEnergies Renewables Distributed Generation, Singapore	Unlocking the Potential of Solar-Powered Steel
14:20	14:40	Alexander Zeischka BRAUN Maschinenfabrik GmbH, Germany	Upgrading of Bar Mills by Retrofitting a High-Performance Abrasive Cut Off Machine	Omar Narduzzi Danieli & C. Officine Meccaniche SPA, Italy	Danieli Green Steel Plants Featuring Digimelter and Danieli Universal Direct Rolling for Flat and Long Products
14:40	15:00	Yuta Odawara Primetals Technologies Japan, Ltd., Japan	6-high Cold Rolling Mill (HYPER UC-MILL) with Smart control	Dr. Pei Yoong Koh Midrex Technologies, Inc., USA	A Study on the Patented MIDREX Reformer and Its Adaptability to the H2 Economy
15:00	15:20	Dr. Laurent LESNE FIVES KEODS, France	Comparative Analysis of ZnAlMg and AlZnSi Coatings in Response to Regional Market Opportunities	Andrea GRASELLI Tenova S.p.A., Italy	TENOVA'S Approach for the Efficient and Reliable Transition of the Steel Industry
15:20	15:40	Cheng Wen Chen Walsin Lihwa Corporation, Taiwan	Discussion on the Selection of Casting Powder by Machine Learning	Li Xu LanzaTech China Limited, China	Carbon Recycling for a Circular Economy
<b>15:40 16:00 COFFEE BREAK</b>					
<b>SESSION 12 A - Emerging Technologies in Steel Industry II</b> Chairperson - Ng Kek Loon (4 chairs)			<b>SESSION 12 B - IQ Competition Winner Presentation</b> Chairperson - Ibnu Sina (4 chairs)		
16:00	16:20	Trong Dong Chinh Dai Steel, Vietnam	Application of Artificial Intelligence in the Digital Transformation at Chinh Dai Steel's Factories	Rolling Mill 2 Team AnJoo Steel Berhad, Malaysia	RM2 D10 Slit Rolling
16:20	16:40	Giuseppe Sauli Polytec Korea	Digital Transformation Approaches Steel Mills. An Overview on the Latest Robotics, Artificial Vision and AI Solutions that Guide the Digitalization Process.	Happy Drum Team PT Krakatau Steel, Indonesia	Quality Improvement of Cold Rolled Carbon Steel for Storage Drum Application with Decrease Rust Problem and Increase Weldability & Formability
16:40	17:00	Dr David Egner Sarclad Limited, UK	Development of a New Online Sensor for Steel Surface Contamination	Simplification and Optimization Team VNSteel - VICASA, Vietnam	Fine-Tuning for Energy Efficiency Improvement in Billet Induction Heater between Continuous Casting - Rolling Shop
<b>CEO Panel Discussion for Technology: Surviving and Thriving in the Decarbonized World: The Approach from Technical Aspects</b> Chairperson - Yeoh Wee Jin (5 chairs)					
17:00	17:40	Bernhard Steenken, CSO – APAC & MEA, SMS group Patrizi Nicola, CE, EVP Sales, SEA and Oceania, Danieli Dr. Alexander Fleischanderl, Senior VP, Primetals Technologies Mai Van Ha, CEO, Hoaphat Dung Quat			
<b>END OF CONFERENCE</b>					

# 2024 SEAISI Conference & Exhibition

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Thursday 16 May 2024

## PLANT VISIT ROUTE 1 HOA PHAT DUNG QUAT STEEL COMPLEX

Time: 06h30-16h00 Date: May 16, 2024

Dress code: Smart Casual and covered shoes.  
(No short pants, No skirt, No high-heel shoes, No Opened-Toe shoes and Slippers)

Time	Schedule
06h30 - 07h00	Gathering at Furama Hotel Lobby
07h00 - 09h30	Departure Ariyana Hotel - Hoa Phat Dung Quat Steel Complex
09h30 - 10h30	* Welcome speech by Representative HoaPhat Dung Quat's BOD * Opening speech by Organiation Committee * Company Introduction * To give Sourvenier Present and take photos
10h30 - 12h00	Plant visit
12h00 - 13h30	Luch at Harmonia Hotel
13h30 - 16h00	Return to Furama Hotel

\* Note

Provide ID/Passport photo when registering plant visit;  
- Strictly comply with the regulations of the company/factory.

## PLANT VISIT ROUTE 2 DOOSAN ENERBILITY VIET NAM CO., LTD

Time: 06h30-16h00 Date: May 16, 2024

Dress code: Smart Casual and covered shoes.  
(No short pants, No skirt, No high-heel shoes, No Opened-Toe shoes and Slippers)

Time	Schedule
06h30 - 07h00	Gathering at Furama Hotel Lobby
07h00 - 09h30	Departure Ariyana Hotel - Doosan Enerbility Viet Nam Co., Ltd
09h30 - 10h15	* Welcome speech by Representative Dossan's BOD * Opening speech by Organiation Committee * Company Introduction * To give Sourvenier Present and take photos
10h15 - 11h30	Plant visit
11h30 - 12h00	Move from Doosan Enerbility Viet Nam Co., Ltd. to Harmonia Hotel
12h00 - 13h30	Luch at Harmonia Hotel
13h30 - 16h00	Return to Furama Hotel

\* Note

Provide ID/Passport photo when registering plant visit;  
- Strictly comply with the regulations of the company/factory.

## PLANT VISIT ROUTE 3 TRUONG HAI AUTO CORPORATION

Time: 06h30-16h00 Date: May 16, 2024

Dress code: Smart Casual and covered shoes.  
(No short pants, No skirt, No high-heel shoes, No Opened-Toe shoes and Slippers)

Time	Schedule
06h30 - 07h00	Gathering at Furama Hotel Lobby
07h00 - 09h00	Departure Ariyana Hotel - Truong Hai Auto Corporation (Thaco)
09h00 - 09h45	* Welcome speech by Representative Thaco's BOD * Opening speech by Organiation Committee * Company Introduction * To give Sourvenier Present and take photos
09h45 - 11h15	Plant visit
11h15 - 12h00	Move from Thaco - Harmonia Hotel
12h00 - 13h30	Luch at Harmonia Hotel
13h30 - 16h00	Return to Furama Hotel

\* Note

Provide ID/Passport photo when registering plant visit;  
- Strictly comply with the regulations of the company/factory.