

2025 SEASI Conference & Exhibition

21-24 May 2025 • Jakarta Convention Center, Indonesia

~ Preliminary Conference Programme ~

TUESDAY, 20 May 2025

| TIME | ACTIVITY | LOCATION |
|-------|--|-------------------------|
| 14:00 | 18:00 Pre-Registration | Sultan Hotel New Lobby |
| 17:30 | 18:30 Chairpersons & Speakers Briefing | |
| 19:00 | 21:00 Welcome Reception | Sultan Hotel, New Lobby |

WEDNESDAY, 21 May 2025

| TIME | ACTIVITY |
|-------|--------------------|
| 07:30 | 08:00 Registration |

OPENING CEREMONY

| | | |
|-------|-----------|--|
| 08:45 | 09:00 | Housekeeping Announcement |
| 09:00 | 0:10 9:10 | Welcoming Address by, Mr.Akbar, Chairman of IISIA, President of PT Krakatau Steel, and SEASI Director from Indonesia |
| 9:10 | 0:10 9:20 | Opening Address by Dato Lim Hong Thye, Chairman of South East Asia Iron and Steel Institute (SEASI) |
| 9:20 | 0:20 9:40 | Special Address by Minister |

TOUR OF EXHIBITION/ NETWORKING BREAK

KEYNOTE SESSION - Unlocking Key Strategies for the ASEAN Steel Industries

MODERATOR - Ronald Joel C. Magsajo

| | | |
|-------|------------|---|
| 10:40 | 0:30 11:10 | Frank Zhong, Deputy Director General, World Steel Association |
| 11:10 | 0:30 11:40 | Anthony de Carvalho, Head of Steel Unit and Senior Economist, Organization for Economic Co-operation & Development (OECD) |
| 11:40 | 0:30 12:10 | H.E. Sarvinder Singh, Deputy Secretary General, ASEAN Secretariat |
| 12:10 | 0:20 12:30 | Q&A |
| 12:30 | 0:30 13:00 | CEO Panel Discussion |

LUNCH BREAK

AFTERNOON SESSION

SESSION 1 - REGIONAL DEVELOPMENTS

Chairperson - Wellington Tong

| TIME | ACTIVITY | SPEAKER | PAPER TITLE | INSTITUTION |
|-------|------------|-----------------------|---|---------------------------|
| 14:15 | 0:20 14:35 | Yeoh Wee Jin | ASEAN | SEASI |
| 14:35 | 0:20 14:55 | Tomas Gutierrez | Can China's New Era Support Steel Markets?, | Kallanish |
| 14:55 | 0:20 15:15 | Sachin Shetty | INDIA | Quesrow Consulting, India |
| 15:15 | 0:20 15:35 | Panel Discussion/ Q&A | | |

NETWORKING BREAK

| TIME | ACTIVITY | SPEAKER | PAPER TITLE | INSTITUTION |
|------|----------|---------|-------------|-------------|
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SESSION 2 - Green Steel Revolution: Opportunities, Challenges, and Market Evolution

Chairperson - Eugene Ng

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|-------|------------|-----------------------|--|-----------------|
| 16:05 | 0:20 16:25 | Shankhadeep Mukherjee | CBAM (Carbon Border Adjustment Mechanism) and Its Complexity | CRU |
| 16:25 | 0:20 16:45 | Zihuan Pan | Making Sense of Green Steel Pricing and Market Developments | Fast Markets |
| 16:45 | 0:20 17:05 | Calvin Quek | Green Steel Premium | Transition Asia |
| 17:05 | 0:20 17:25 | Panel Discussion/ Q&A | | |

Welcome Dinner - Hosted by Indonesia Iron and Steel Industry Association

| | | |
|-------|-------|--|
| 19:00 | 22:00 | |
|-------|-------|--|

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| THURSDAY 22 May 2025 | | | | | |
| TIME | ACTIVITY | | SPEAKER | PAPER TITLE | INSTITUTION |
| MORNING SESSION | | | | | |
| SESSION 3 - Where should ASEAN policies be heading to, for decarbonization? Potential pathways and requirements | | | | | |
| 08:30 | 0:10 | 8:40 | Presentation from Benjamin O. Yao, Steel Asia Manufacturing Corporation, Philippines | | |
| 8:40 | 0:10 | 8:50 | Presentation from Indonesia (TBA) | | |
| 8:50 | 1:00 | 9:50 | Policy Maker Panel Discussion | | |
| 9:50 | 0:30 | 10:20 | NETWORKING BREAK | | |
| SESSION 4 - COUNTRY REPORTS I (Chairperson - Mr. Yeoh Wee Jin) | | | | | |
| 10:20 | 0:15 | 10:35 | Country Report 1 | Director of Indonesia | Update on Iron & Steel Industry Situation in Indonesia The Indonesian Iron and Steel Industry Association |
| 10:35 | 0:15 | 10:50 | Country Report 2 | Director of Korea | Update on Iron & Steel Industry Situation in Korea Korea Iron and Steel Association |
| 10:50 | 0:15 | 11:05 | Country Report 3 | Director of Malaysia | Update on Iron & Steel Industry Situation in Malaysia Malaysian Iron and Steel Industry Federation |
| 11:05 | 0:15 | 11:20 | Country Report 4 | Director of Myanmar | Update on Iron & Steel Industry Situation in Myanmar Myanmar Steel Association |
| 11:20 | 0:15 | 11:35 | Country Report 5 | Director of Philippines | Update on Iron & Steel Industry Situation in Philippines Philippine Iron and Steel Institute |
| SESSION 5 - COUNTRY REPORTS II (Chairperson - Mr. Yeoh Wee Jin) | | | | | |
| 11:35 | 0:15 | 11:50 | Country Report 6 | Director of Singapore | Update on Iron & Steel Industry Situation in Singapore National Committee, Singapore |
| 11:50 | 0:15 | 12:05 | Country Report 7 | Director of Taiwan | Update on Iron & Steel Industry Situation in Taiwan Taiwan Steel & Iron Industries Association |
| 12:05 | 0:15 | 12:20 | Country Report 8 | Director of Thailand | Update on Iron & Steel Industry Situation in Thailand Iron and Steel Institute of Thailand |
| 12:20 | 0:15 | 12:35 | Country Report 9 | Director of Vietnam | Update on Iron & Steel Industry Situation in Vietnam Vietnam Steel Association |
| 12:35 | 1:20 | 13:55 | LUNCH BREAK | | |
| TIME | SPEAKER/ INSTITUTION | | PAPER TITLE | SPEAKER/ INSTITUTION | PAPER TITLE |
| AFTERNOON SESSION | | | | | |
| SESSION 6 A - Pathway to Green Steel Application Chairperson - Pek Hoong Chong | | | SESSION 6 B - Solutions for Reducing Carbon Emission Chairperson - Somsak Pikkanesuan | | |
| 13:55 | 0:20 | 14:15 | Bernhard Steenken SMS Group | The Path to Decarbonization: Green Steel in ASEAN's Steel Industry | Svetina Massimiliano Danieli Danieli Green transformation initiative for a new galvanizing line |
| 14:15 | 0:20 | 14:35 | Cyril Duchanois TotalEnergies | Decarbonizing the Steel Industry: A Global Multi-Energy Company Perspective | Harsh Choudhry sentra.world Approaches to Carbon Emissions Measurement and Reporting for Steel Companies |
| 14:35 | 0:20 | 14:55 | Lapasin Marco Danieli | Flexible Pathways for Iron Production | Hsun-Yu Lin China Steel Corporation, Taiwan Energy Reduction of CO2 capture by developing new absorbents |
| 14:55 | 0:20 | 15:15 | TBA Vale, Malaysia | Pathways for Steel Decarbonization through Flexible Iron Ore Solutions | Jiun Horng Tsai National Cheng Kung University, Taiwan Iron and Steel Industry in Facing the Carbon Tax in Taiwan |
| 15:15 | 0:30 | 15:45 | NETWORKING BREAK | | |
| SESSION 7 A - Digital Transformation in Steel Chairperson - Ng Kek Loon | | | SESSION 7 B - Improving Processes for Enhanced Efficiency Chairperson - Mike Nitschke | | |
| 15:45 | 0:20 | 16:05 | Dr. Alexander Fleischanderl Primetals Technologies Ltd. | The Steel Industry – Setting the Standard for the Twin Transition | TBA SMS Group Life Cycle Partnership |
| 16:05 | 0:20 | 16:25 | M Skalidakis Sarclad | Strand Condition Monitoring for Improved Continuous Caster Productivity & Control | Fu Jian Hui MCC-SFRE Heavy Industry Equipment Co., Ltd., China High-speed large reduction single-stand six-roll reversible cold rolling mill innovation and performance optimization |
| 16:25 | 0:20 | 16:45 | Armando Vazquez Tenova Goodfellow Inc., Canada | Acoustic sensing for improved EAF process control and risk mitigation | Davide Masoero Tenova Goodfellow Inc., Canada Design Criteria for Electric Arc Furnaces Utilizing DRI, HBI, and Virgin Iron Units: Enhancing Efficiency and Sustainability |
| 16:45 | 0:20 | 17:05 | TBA UK cares, UK | Digitalising Global Warming Potential Data in Steel Supply Chain | Christoph Klebba Friedrich Kocks GmbH & Co KG, Germany iRSB – Benefits of an Intermediate RSB in Special Steel Rolling Mills |
| 17:05 | 0:20 | 17:25 | Lorenzo Croce celano GmbH, Germany | From Digital Twin to the Digital Product Pass as a Key Technology for the Transition to Circular Economy | Tim Oliver Bechem Lubrication Technology, Germany SMART Grease Selection for Casters and Rolling Mills to Reduce Maintenance Cost and Extend Bearing Life. |
| END OF DAY TWO | | | | | |

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| FRIDAY 23 May 2025 | | | | | | |
| TIME | SPEAKER/ INSTITUTION | | PAPER TITLE | SPEAKER/ INSTITUTION | PAPER TITLE | |
| MORNING SESSION | | | | | | |
| SESSION 8 A - Advancing Steel Raw Material Technology Chairperson - Joel T. Ronquillo | | | SESSION 8 B - Quality Improvement on Steel Products Chairperson - Mochamad Ibnu Sina | | | |
| 09:00 | 0:20 | 9:20 | Joao Souto CBMM, Singapore | Lower Total Cost of Ownership in Commodity Grade Structural Steels by Optimizing Alloy Design with Ultra-low Niobium | Ryutaro Ota JP Steel Plantech Co., Ltd., Japan | Skin Pass Mill & Tension Lever for Ultra-High Strength Steel |
| 9:20 | 0:20 | 9:40 | Ayhan Tugrul UK Cares, UK | Scrap Metal Sourcing in Steel Production: Sustainability Practices and Challenges | Richard Rak IMS Messsysteme GmbH, Germany | Optical Flatness Measurement of Strip, Sheet and Plate in Process Lines and Metal Service Centres |
| 9:40 | 0:20 | 10:00 | Dr.- Ing. Carlos Lamsfus ZB Group, Spain | Premium Quality Scrap: A Dual Strategy for Cost Reduction in Steel Production | Francisco Moretón Díez Ingeniería y Sistemas de Ensayos No Destructivos (ISEND S.A) | Surface Defects Analysis in Hot-Rolled Long Products: Synchronizing Eddy Current and Computer Vision for Quality and Process Control Optimization Using Artificial Intelligence. |
| 10:00 | 0:20 | 10:20 | Gunter Busch* ALD Vacuum Technologies (Thailand) Co. Ltd., Thailand | High-Grade Steel Scrap as Raw Material for the Efficient Production of High-Grade Steel | Dr.Dominik, Recker ISRA Vision Korea Co., Ltd., Korea | Highest Steel Surface Quality and Process Efficiency Powered by 2D & 3D Inspection of Surface Defects and Waviness Recognition |
| 10:20 | 0:30 | 10:50 | NETWORKING BREAK | | | |
| SESSION 9 A - Implementation of Green Technology Chairperson - Nita Anggreani | | | SESSION 9 B - Advancement of Eco-friendly Steel Manufacturing Chairperson - Darren Chua | | | |
| 10:50 | 0:20 | 11:10 | Narduzzi Omar Danieli | Strategies for Steel Plant Design. | Dr. Vincent Chevrier Midrex Technologies, Inc., USA | Development and demonstration of an electric heater for direct electric heating of MIDREX® Process Gases |
| 11:10 | 0:20 | 11:30 | Carlo P. Piemonte/ Kelvin Fu Primetals Technologies Austria GmbH, Austria, PT Gunung Raja Paksi Tbk., Indonesia | Indonesian Steel industry "Goes Green" with GRP and Arvedi ESP. | Gajanan Doijad* Linde | Driving Decarbonization Through Energy-Efficiency, Hydrogen, and Carbon Capture |
| 11:30 | 0:20 | 11:50 | Jenny Selway HILT CRC, Australia | The Role of Cooperative Research and Industry-Research Collaboration in Driving Innovation for Decarbonization of Iron and Steel | Zulfiadi Zulhan Bandung Institute of Technology, Indonesia | Hydrogen Plasma Smelting Reduction for Green Steel and Stainless Steelmaking |
| 11:50 | 1:15 | 13:05 | LUNCH BREAK | | | |
| AFTERNOON SESSION | | | | | | |
| SESSION 10 A - Continuous Technological Advancement in Steel Industry Chairperson - Tim Oliver | | | SESSION 10 B - Innovative Approaches to Steel Product Development Chairperson - Saravanan Natarajan | | | |
| 13:05 | 0:20 | 13:25 | Bintang Bergas/ Bernhard Steenken ABB Metallurgy | Developing Electromagnetic Flow Control Mold for High Flexibility Thin to Medium Slab Casting | TBA SMS Group | Section and Rail Latest Development |
| 13:25 | 0:20 | 13:45 | Yoshiaki Kusaba JP Steel Plantech Co. Ltd., Japan | Development of Large U-Type Sheet Pile Rolling Method | Li Li-Yuan China Steel Corporation, Taiwan | Development of Ultra-High Strength Steels with Excellent Functions for Automotive Application |
| 13:45 | 0:20 | 14:05 | Mike Nitschke H. Kleinknecht & Co., GmbH, Germany | The Importance of Solid Mechanical Design in Roll Grinding Machines: A Technical Overview | Hao Yun Yu Walsin Lihwah Corporation, Taiwan | Study on the Optimization of Internal Microstructure of Walsin 440M Steel Billets and Wire Rods by EMS |
| 14:05 | 0:20 | 14:25 | Keno Sparenborg BADISCHE STAHL-ENGINEERING GMBH, Germany | SandMan+®: Advancing Automated Ladle Well Block Filling and Refractory Monitoring | Kuan-Wei Wu Walsin Lihwah Corporation, Taiwan | Effect of Electromagnetic Stirring on the Microstructure and Mechanical Properties of High-FD Stainless Steel |
| 14:25 | 0:20 | 14:45 | Laurent Lesne Fives KEODS, France | Continuous Galvanizing Lines Improved Profitability Thanks to Coatings Optimization | Yosia Samuel Manurung PT Krakatau Posco, Indonesia | Development of Advanced Construction Materials for Seismic-Grade Steel |
| 14:45 | 0:20 | 15:05 | Alexander Zeischka BRAUN Maschinenfabrik GmbH, Austria | Upgrading of Bar Mills by Retrofitting a High-Performance Abrasive Cut Off Machine | Dr. Mithaleshwar Yadav John Cockerill India Limited, India | Jet Vapor Deposition (JVD): The Choice for Zn Coatings of Future Steels for Automotive |
| 14:25 | 0:40 | 15:05 | NETWORKING BREAK | | | |
| SESSION 11 A - Transforming Steel Industries through the Integration of AI Chairperson - | | | SESSION 11 B - Continuous Improvement in Steel Process Chairperson - Reza Jaya Wadhana | | | |
| 15:05 | 0:20 | 15:25 | Tarun Mathur ABB Metallurgy | Artificial Intelligence Applications for Operational Excellence in Steel Manufacturing | Yong-Hao Siao China Steel Corporation, Taiwan | Effect of Charging Sequence on Burden Distribution in a Blast Furnace Using Discrete Element Method |
| 15:25 | 0:20 | 15:45 | Anna Mayrhofer Primetals Technologies Austria GmbH, Austria | From Equations to Insights: Enhancing Converter Automation with Intelligent Modeling | Ross Walker Sarclad Limited, UK | How Investing in the Latest Roll Inspection Technology, Can Significantly Reduce Rollshop Running Costs, Whilst Enhancing Operator Safety and Quality Control Downstream |
| 15:45 | 0:20 | 16:05 | Zhou Jing Shanghai E-Carbon Digital Technology Co., Ltd., China | Accelerating Sustainable Steel Production: AI-Driven Carbon Management Solutions for ASEAN's Green Transition | Takeshi Umetsubo JP Steel Plantech Co., Ltd., Japan | Stabilization Technologies for Ironmaking Operations under Increased Production |
| 16:05 | 0:20 | 16:25 | | | Fu-Sheng Tsai China Steel Corporation, Taiwan | A Dynamic Dual-stage Learning Framework for Interpretable Coal and Iron Ore Price Trend Prediction |
| CEO Panel Discussion for Technology: Unlocking Key Strategies for the ASEAN Steel Industries Chairperson - Joseph Yong | | | | | | |
| 16:45 | 0:45 | 17:30 | 1. Bernhard Steenken, Chief Sales Officer, SMS Group 2. Alexander Fleischanderl, Chief Technical Officer, Primetals Technologies 3. Nicola Patrizi, Managing Director, Danieli | | | |
| END OF CONFERENCE | | | | | | |

2025 SEASI CONFERENCE & EXHIBITION**21-24 May 2025 • Jakarta International Convention Center (JICC)****Saturday, 24 May 2025****PLANT VISIT ROUTE 2****PT KRAKATAU POSCO***Estimated Time: 08h00-15h00 Date: 24 May 2025*

Dress code:

Smart Casual and covered shoes.

(No short pants, No skirt, No high-heel shoes, No Opened-Toe shoes and Slippers)

| Time | Schedule |
|---------------|---|
| 07h00 - 07h15 | Gathering at The Sultan Hotel Lobby |
| 07h15 - 09h00 | Going to Cilegon PT Krakatau Posco by bus |
| 09h00 - 09h15 | Arrived at PT Krakatau Posco |
| 09h15 - 10h30 | * Welcome speech by Representative from PT Krakatau Posco * Company Introduction * To give Souvenir Present and take photos |
| 10h30 - 12h00 | Plant visit |
| 12h00 - 13h30 | Depart for Lunch & Closing |
| 13h30 - 15h30 | Going back to Jakarta |
| 15h30 - 15h45 | Arrived at The Sultan Hotel Jakarta |
| | |

PLANT VISIT ROUTE 3**PT GUNUNG RAJA PAKSI TBK/GARUDA YAMATO STEEL***Time: 08h00-15h00 Date: 24 May 2025*

Dress code:

Smart Casual and covered shoes.

(No short pants, No skirt, No high-heel shoes, No Opened-Toe shoes and Slippers)

| Time | Schedule |
|---------------|--|
| 07h00 - 07h15 | Gathering at The Sultan Hotel Lobby |
| 07h15 - 09h00 | Going to Bekasi PT Gunung Raja Paksi Tbk/Garuda Yamato Steel by bus |
| 09h00 - 09h15 | Arrived at PT Gunung Raja Paksi Tbk/Garuda Yamato Steel |
| 09h15 - 10h30 | * Welcome speech by Representative from PT Gunung Raja Paksi Tbk/Garuda Yamato Steel * Company Introduction * To give Souvenir Present and take photos |
| 10h30 - 12h00 | Plant visit |
| 12h00 - 13h30 | Depart for Lunch & Closing |
| 13h30 - 15h30 | Going back to Jakarta |
| 15h30 - 15h45 | Arrived at The Sultan Hotel Jakarta |