

2019 ASEAN Iron & Steel Sustainability Forum

25 - 27 November 2019, The Ritz-Carlton Jakarta, Mega Kuningan, Indonesia

~ Preliminary Forum Programme ~

Monday, 25 November 2019

TIME	ACTIVITY	SPEAKER	PAPER TITLE	INSTITUTION
08:00	09:00	Registration		
OPENING SESSION				
09:00	09:10	Opening Speech	Win Viriyaprapaikit	Opening Address
				Chairman, South East Asia Iron and Steel Institute (SEAISI)
09:10	09:20	Welcoming Speech	Silmy Karim	Welcome Remarks
				Chairman of The Indonesian Iron and Steel Industry Association (IISIA)
09:20	09:50	Keynote Speech 1	Harjanto	Keynote Address and Official Opening
				Director General of Metal, Machinery, Transportation, and Electronic Industry, Ministry of Industry of the Republic of Indonesia
09:50	10:10	COFFEE BREAK		
Special Session: Focus on Indonesia's Economic Outlook and Construction Development				
10:10	10:30	Presentation 1	Silmy Karim	Capabilities of Indonesia's Steel Industries to support National Infrastructure Projects and Development of Indonesia's Steel Manufacture Industries
				Chairman of IISIA
10:30	10:50	Presentation 2	Ahmad Heri Firdaus	Indonesia Economic Outlook *)
				Institute for Development of Economics and Finance (INDEF) - Indonesia
10:50	11:10	Presentation 3	Ir. Iwan Zarkasi M.Eng.Sc	Infrastructure Projects in Indonesia *)
				Director of Bridge, Directorate of Bridge, Ministry of Public Works of the Republic of Indonesia
11:10	11:30	Presentation 4	Prof. Dr. Iswandi Imran MA.Sc., Ph.D	Development of Steel Construction Engineering and Its Application in Indonesia *)
				Bandung Institute of Technology (ITB), Indonesia
11:30	12:00	Focus Panel Discussion on Indonesia		
12:00	13:00	LUNCH BREAK		
SESSION 1 - Steel Market Developments				
13:00	13:20	Presentation 5	Yeoh Wee Jin	Update on ASEAN Steel Industry Development Scenario
				South East Asia Iron and Steel Institute (SEAISI)
13:20	13:40	Presentation 6	Wikrom Vajragupta	Looking into ASEAN Construction Sector
				Iron and Steel Club, The Federation of Thai Industries
13:40	14:00	Presentation 7	Tomas Gutierrez	Capacity and Trade: Southeast Asia at the Centre of Global Trend
				Kallanish
14:00	14:20	Presentation 8	Li Hongmei	China's Steel Industry-Challenges and Opportunities
				Mysteel
14:20	14:40	Panel Discussion/ Q&A		
14:40	15:00	COFFEE BREAK		
SESSION 2 - Development on Building Construction System				
15:00	15:20	Presentation 9	Dr. Taweep Chaisompob	The Review of Thailand Steel Structure Fire Resistance Regulations and Overseas
				Thailand Structural Steel Society
15:20	15:40	Presentation 10	Dr. Nuttapon Suttitam	Capacity Evaluation of Hybrid Steel Sections (Built-Up Steel Sections with Variable Yield Strength)
				Sahaviriya Steel Industries, Thailand
15:40	16:00	Presentation 11	Natarajan Saravanan	High Strength Steel Reinforcement - A Singapore Journey
				NatSteel Holdings Pte Ltd, Singapore
16:00	16:20	Presentation 12	Dr. Jin-Won Kim	New Construction Technology (P-Box)
				POSCO, Korea
16:20	16:40	Presentation 13	Eugene Seah	To Steel or Not to Steel, That is the Question
				Surbana Jurong Pte Ltd, Singapore
16:40	17:00	Panel Discussion/ Q&A		

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Tuesday, 26 November 2019

TIME	ACTIVITY	SPEAKER	PAPER TITLE	INSTITUTION	
SESSION 3 - Development of Materials and Steel Products for Construction Sector					
09:00	09:20	Presentation 14	Ken Pangestu	TBA	General Chairman of Indonesian Society of Steel Construction (ISSC)
09:20	09:40	Presentation 15	Chun-Hung Wu	Development of High-Strength Marine Structure Steel	China Steel Corporation, Taiwan
09:40	10:00	Presentation 16	Febrian Ramaputra	The Development of 520MPa-Class HSLA Steel for Steel Pipe Pile Structure Applications	PT Krakatau Steel, Indonesia
10:00	10:20	Presentation 17	M. Haris Hidayat	Development of SGC400 High Strength Steel Grade for Galvanized Structure	PT Krakatau Steel, Indonesia
10:20	10:40	Panel Discussion/ Q&A			
10:40	11:00	COFFEE BREAK			
SESSION 4 - Smart Factory Technologies for Steel Manufacturer					
11:00	11:20	Presentation 18	Muhammad Fahmi	Cost Saving and High Reliability of Gas Supply by Operation Strategy with Technology Innovation of Gas Holder in Krakatau Posco	PT Krakatau Posco, Indonesia
11:20	11:40	Presentation 19	Che-Min Lin	Development and Implementation of Wireless Bearing Temperature Monitoring System	China Steel Corporation, Taiwan
11:40	12:00	Presentation 20	Young-Hyun Kim	Technology of Sinter Flame Layer Classification based on Deep Learning	POSCO, Korea
12:00	12:20	Panel Discussion/ Q&A			
12:20	13:20	LUNCH BREAK			
SESSION 5 - Higher Value Delivery Through Digitization and Internet of Things					
13:20	13:40	Presentation 21	Kyung-Soo Kim	Development of AI- Based Predictive Model for Finishing Mill Exit Temperature	POSCO, Korea
13:40	14:00	Presentation 22	Corrado Licata	Reducing Impact of Rolling Operations Applying Industrial IOT	IOMES Group Limited
14:00	14:20	Presentation 23	Dirk Borgmann	Smart Steelmaking - A Step Towards A New Industrial Revolution	SMS Group GmbH, Germany
14:20	14:40	Presentation 24	Christian Kleeberg	Driving the Digital Transformation in Metal Casting Operations	RGU ASIA PTE LTD, Singapore
14:40	15:00	Panel Discussion/ Q&A			
15:00	15:20	COFFEE BREAK			
SESSION 6 - Steel Construction - Material, Technology and Design for Natural Disaster					
15:20	15:40	Presentation 25	Tien-Li Wang	The Application and Development of High Strength Seismic Steel in Taiwan	Dragon Steel Corporation, Taiwan
15:40	16:00	Presentation 26	Keiji Ando	Steel Structure Technologies Conductive to Securing Earthquake and Tsunami Safety	The Japan Iron and Steel Federation
16:00	16:20	Presentation 27	Hong-Sik Ryu	Development and Application of Aseismic Steel for Building	POSCO, Korea
16:20	16:40	Presentation 28	Dr. Paul Richards	Moment Frame Connections with Replaceable Shear Fuses	Durafuse Frames, USA
16:40	17:00	Presentation 29	Brandt Saxey	Seismic Risk Assessment of Buckling Restrained Braced Frame Buildings, Including Detailed Evaluation of Residual Drifts	CoreBrace, LLC, USA
17:00	17:20	Panel Discussion/ Q&A			

Plant Tour Schedule

**** Dress Code**

Shirt with sleeves, long pants and covered flat shoes

Date: Wednesday, 27 November 2019

Time: 7:00 - 15:30

**Visiting: 1) PT Bukaka Teknik Utama Tbk
 2) PT Bukaka Forging Industries**

Time	Activity
07:00 – 07:30	Registration: Grand Ballroom Foyer, The Ritz-Carlton Jakarta, Mega Kuningan
07:30 – 09:00	Depart to PT Bukaka Teknik Utama Tbk in Cileungsi, West Java
09:00 – 12:30	Arrive at PT Bukaka Teknik Utama Tbk <ul style="list-style-type: none"> • Safety Induction • Welcoming remarks by PT. Bukaka Teknik Utama Tbk Representative • Corporate Presentation • Plants Visit <ul style="list-style-type: none"> 1) PT Bukaka Teknik Utama Tbk (Steel Fabrication) <ul style="list-style-type: none"> - Steel Tower Production - Boarding Bridge Production - Steel Bridge Production - Galvanize Production 2) PT Bukaka Forging Industries (Automotive Parts) <ul style="list-style-type: none"> - Casting Forging
12:30 – 14:00	• Lunch hosted by PT Bukaka Teknik Utama Tbk
14:00 – 15:30	Depart to The Ritz-Carlton Jakarta, Mega Kuningan