



REDEFINING EXCELLENCE IN REFRACTORY TECHNOLOGY

PROGRAMME SCHEDULE

Time	Session Details
Day 0 Date: 19:01:2026	
Registration & Welcome Dinner Venue : United Club, Machaan Area Time : 7:30 pm onwards	
Day 1 Date: 20 :01:2026	
Registration Starts at 8:00 am Venue: Palm Groove Area	
Inaugural Session Venue: Main Hall Time : 9:15 am to 10:30 am	
10:30 to 11:15	Exhibition Inauguration & High Tea Break
11:15 to 13:20	Keynote Session
11:15 to 11:40	Distinctive Features of Japanese Refractory Technology-Customised Solutions through Close Collaboration with Steelmakers Dr. Masanori Ogata, Shinagawa
11:40 to 12:05	Challenges and Innovations in Refractory Materials for Current and Future Steel Production Dr.Ing. Rainer Gaebel, Refratechnik
12:05 to 12:30	The Refractory Industry as a Key Player in Tomorrow’s Steel Industry – Enabling Innovation and Decarbonization Dr. Thomas Prietl, RHI Magnesita
12:30 to 12:55	Silica in Refractories: Friend or Foe in Hydrogen Atmospheres Dr. Indra N. Chakraborty, Calderys India
12:55 to 13:20	Next-Gen Refractories: Enabling Carbon-Neutral Steelmaking Mr. Masayuki Egami, Krosaki Harima Corporation

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Time	Session Details
13:30 to 14:30	Poster Inauguration & Lunch Break
Session 3A: BOF Steel Making Time: 14:30 to 16:10, Venue: Main Hall	
14:30 to 14:55	<i>High BOF Campaign Life with Standard Maintenance Protocol - A Case Study</i> Samit Sengupta, Puyang Refractories
14:55 to 15:20	<i>Value-added technologies for BOF campaign extension</i> Scott R Grissinger, MiNTEQ
15:20 to 15:45	<i>Hot Patching Bricks for Converter Charge Pad Repairing</i> Siddhartha Ray Chaudhuri, Samwha India
15:45 to 16:10	<i>Development of indegenious basic monolithics for steel application</i> Pravash Gourav, Calderys India
16:10 to 16:30	Tea Break
Parallel Session 3B: BF-Iron Making Time: 14:30 to 16:10, Venue: The Grand	
14:30 to 14:55	<i>Development and Successful Trial of In-situ SiC Bonding Special Quality Taphole Clay at BSL & RSP</i> Rahul Gond, SAIL SRU
14:55 to 15:20	<i>Customized tap hole clay for longer tapping time in blast furnace</i> Kuntal Maiti, Saint-Gobain
15:20 to 15:45	<i>Development of Tap Hole Clay for Mini Blast Furnace Producing Foundry grade Iron</i> Tuhin Kanti Patranabish, Calderys India
15:45 to 16:10	Visit to Stall & Poster Area

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Time	Session Details
16:10 to 16:30	Tea Break
Parallel Session 3C: Research and Innovation in Refractory Design-I Time: 14:30 to 16:10, Venue: Durbar Hall	
14:30 to 14:55	<i>Investigating metallic additive influence on alumina-carbon systems for high performance refractory development</i> Sovan Khan, TRL Krosaki
14:55 to 15:20	<i>SIOXX®-Ten Series: Advance Binder Technology For High Performance NCC'S</i> Ankita Mishra, Elkem
15:20 to 15:45	<i>Development of Self-flow Castable by Using Novel Binder Material</i> Ramkrishna Halder, RHI Magnesita
15:45 to 16:10	<i>Hydrogen resistance of synthetic alumina based castables at 1150°C and 1400°C</i> Shankha Chatterjee, Almatiss
16:10 to 16:30	Tea Break
Session 4A: Steel Ladle Refractories Time: 16:30 to 18:10, Venue: Main Hall	
16:30 to 16:55	<i>Enhancement in Refractory Performance at SMS TSJ by adoption of New Technologies and Best Practices</i> Navneet Sinha, Tata Steel
16:55 to 17:20	<i>Innovative sustainable solutions for clean steel and yield enhancement in Steel Ladle</i> Deepak Mane, Vesuvius
17:20 to 17:45	<i>Innovative Design of Brick Lining in Steel Ladle to enhance performance.</i> Pallab Karmakar, Refratechnik

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17:45 to 18:10	<i>Magnesia-Enriched Dolomite-Carbon Bricks for Slag-Zone Applications in Silicon-Killed Steel Ladles: A Sustainable Refractory Solution for the Indians</i> Onkar Nath, Sarvesh Refractories
Parallel Session 4B: Future Ready Technologies for Steel Industry Time: 16:30 to 18:10, Venue: The Grand	
16:30 to 16:55	<i>Robotics-driven Automation in the Steel and Metal industry</i> Vishal Saurav, Xboom Utilities
16:55 to 17:20	<i>Advances in Refractory-Maintenance and Safety for Steel Plants, using 3D-Laser-Scanning, Digitalization and Gunning-Systems for Maintenance</i> Martin Hans Welling, MiNTEQ
17:20 to 17:45	<i>Technology-Driven Transformation in Refractories Application</i> Ravikumar Periyasamy, RHI Magnesita
17:45 to 18:10	<i>Endoscopic Inspection & Repair of Refractory through Ceramic Welding process in Hot blast circuit of Blast Furnaces</i> Kanishka Ahirwar, Fosbel India
Session 4C: Research and Innovation in Refractory Design - II Time: 16:30 to 18:10, Venue: Durbar Hall	
16:30 to 16:55	<i>A New Generation Additive System for Deflocculated Castables with Silica Fume</i> Goutam Bhattacharya, Imerys
16:55 to 17:20	<i>Influence of Alumina Powder Characteristics on Low Cement Castable</i> Mridula Biswas, Hindalco
17:20 to 17:45	<i>Three decades of Alphasbond 300: An overview of its technical advantages</i> Shankha Chatterjee, Almatiss
17:45 to 18:10	Visit to Stall & Poster Area

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Time	Session Details
Cultural Program followed by Cocktail Dinner Venue : Swarn Bagh, Entertainment Arena, UC Time: 7:15 pm onwards	
Day 2 Date: 21:01:2026	
Session 5A: Casting of Steel -I Time: 09:30 to 11:10, Venue: Main Hall	
09:30 to 09:55	<i>TSG System and Refractory Manufacturing Innovation for Enhanced Molten Steel Quality and Casting Efficiency</i> Jong Kwan SEO, Chosun Refractories
09:55 to 10:20	<i>Simulation based development of SEN designs for thin and mid slab casting</i> Gernot Hackl, RHI Magnesita
10:20 to 10:45	<i>Novel Design of Flat-type Submerged Entry Nozzle for Stable Flow in Thin Slab Mold</i> Tsuyoshi Ueda, Shinagawa
10:45 to 11:10	<i>SEN/MTSP life increase in multiple steel plants through High Performance Zirconia sleeve & Edge port design in</i> Sudip Banerjee, Vesuvius
11:10 to 11:30	Tea Break
Session 5B: Coke and Agglomerates Time: 09:30 to 11:10, Venue: The Grand	
09:30 to 09:55	<i>Engineering of SiC-Enriched High Alumina Refractory Brick for Met Coke Charging Zones: A Novel Solution to Mitigate Abrasion and Spalling stress</i> Biswajit Ghosh, TRL Krosaki
09:55 to 10:20	<i>Redesigned Protrusion-Resistant & Tar-Resistant PCPF Blocks for Induration Furnaces</i> Deepsikha Brahma, Tata Steel

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10:20 to 10:45	<i>Enhancing Refractory life of CDQ chamber unit by Design Modification</i> Sidramappa. Kalshetty, JSW Bellary
10:45 to 11:10	<i>Implementation and installation of monolithic bull nose to improve reliability and operating conditions</i> Goutam Ghosh, Tata Steel
11:10 to 11:30	Tea Break
Session 5C: Business for The Planet Time: 09:30 to 11:10, Venue: Durbar Hall	
09:30 to 09:55	<i>Sustainable Refractory Solutions Powered by Advanced Technologies</i> Alexander Leitner, RHI Magnesita
09:55 to 10:20	<i>Energy-Saving DRI Kiln Coating to reduce Coal Consumption & CO₂ Footprint – 1st time in the World</i> Abhishek Jain & Biswajit Pal, Lanexis & Tata Steel
10:20 to 10:45	<i>Fused Ramming Mass from Industrial Waste: An Economical Approach to Reducing the Carbon Footprint of Induction Furnace Steelmaking</i> Kunal Jain, Oricon
10:45 to 11:10	<i>Advancing Sustainability in BF Cast House Operations through Lance-Free Technologies</i> Avick Ghosh, Tata Steel
11:10 to 11:30	Tea Break
Session 6A:Casting of Steel - II Time: 11:30 to 13:10, Venue: Main Hall	
11:30 to 11:55	<i>Improved Zirconia-Carbon Refractory for Cold Start SES Application</i> Bhabani Sankar Sahu, IFGL Refractories

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11:55 to 12:20	<i>A novel approach to develop superior performance MAG-SP-C Tundish Slide Plate</i> Rashmi Ranjan Rout, IFGL Refractories
12:20 to 12:45	<i>Innovations in Ladle Shroud Manufacturing: Enhancing Flow Control and Thermal Shock Resistance</i> Lalu Prasad Malla, ZIRCAR
12:45 to 13:10	<i>Advancements in Tundish Dry Vibratable Mass: Enhanced Corrosion Resistance and Longevity through Optimized Grain Size Distribution and Specialized Raw</i> Subhadeep Chatterjee, TRL Krosaki
13:10 to 14:15	Lunch Break
Session 6B: Alternate Routes of Steel Making Time: 11:30 to 13:10, Venue: The Grand	
11:30 to 11:55	<i>Tenova Solutions to enhance refractory life in EAF</i> Prajyot Barad, Tenova
11:55 to 12:20	<i>A Novel approach to improve of Conarc furnace campaign life by using improved quality MgO-C refractories</i> Arko Chakraborty, Tata Steel
12:20 to 12:45	<i>Extending the Coreless Induction Furnace Working Lining by Improving the Thermal Life Cycle of Neutral Ramming Masses for Casting Special Steel</i> Avijit Das Gupta, MPR Refractories
12:45 to 13:10	<i>Neutral Ramming Mass: Optimized solutions for steel melting in Coreless Induction Furnace</i> Najih Boumahdi, Saint-Gobain
13:10 to 14:15	Lunch Break

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Session 6C: NextGen Materials & Processes Time: 11:30 to 12:45, Venue: Durbar Hall	
11:30 to 11:55	<i>Future Ready Blast furnace operation</i> Kanak Das, Tata Steel
11:55 to 12:20	<i>Development of Graphite-Silica Based Anti-Stick Coating for LD Slag Pot</i> Anushri Nag, Tata Steel
12:20 to 12:45	<i>Fast and Permanent Repair of Concrete/Refractory Linings using Phosphate Bonded Castable</i> Leandro Colombo, Alkegen
13:10 to 14:15	Lunch Break
Session 7A: Refractories for SMLP Time: 14:15 to 15:55, Venue: Main Hall	
14:15 to 14:40	<i>Recent Advances and Chrome-Free Alternative Materials for RH degasser Refractories</i> Kyohei Yamashita, Shinagawa Refra
14:40 to 15:05	<i>Conceptual CFD Study On Suppressing Refractory Erosion in RH-Snorkel</i> Prashantha Basvaraja, TRL Krosaki
15:05 to 15:30	Improvement of the castable for LF Lance Kenji Yanagi, TYK Corporation
15:30 to 15:55	<i>Sustainable Refractory Gunning Mixes and Optimized Application Techniques for High-Efficiency Steel Plant Maintenance</i> Chandrashekhar Ta, Aarya Metallurgicals
15:55 to 16:15	Tea Break

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Session 7B: Refractories for Mills and Kilns Time: 14:15 to 15:55, Venue: The Grand	
14:15 to 14:40	Practical Experience and Advantages of Reheating Furnace Hearth and Skid Blocks Produced Using an Advanced Gel Casting and Sintering Process. Julie Hardy, Monocon
14:40 to 15:05	Development of chrome free Magnesia-Spinal refractory bricks for high temperature rotary kiln application Soumendu Das, TRL Krosaki
15:05 to 15:30	Design Modification in Vertical LCP Klins (600TPD & 300TPD) for Refractory Life Enhancement Nagareddy S, JSW Bellary
15:30 to 15:55	Emerging Technologies in Refractory Material Development & Application Sadagopan Satish, AdiNal Engineering Pvt Ltd
15:55 to 16:15	Tea Break
Session 8 - Concluding Session & Vote of Thanks Time: 16:15 to 17:15, Venue: Main Hall	
Cultural Program followed by Cocktail Dinner Venue: Swarn Bagh, Entertainment Arena, UC Time: 7:15pm onwards	

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