



IN-SERT - 25

2nd International Seminar on Emerging Refractory Technologies Purging Technologies for Clean Steel Production



10th & 11th April, 2025



Hotel Swosti Premium,
Bhubaneswar, India

Day-1: Thursday, 10th April 2024

Time	Programme
Inaugural Session	
09:00AM - 09:30AM	Registration of delegates
09:30AM - 10:15AM	Inaugural Ceremony
Session 1: Critical Challenges in Purging Mechanisms at Steel Industry	
10:15 AM- 10:30AM	Lecture 1: Mr. Mahassin Hossain (JSW Dolvi)
10:30AM – 10:45AM	Lecture 2: Mr. Sourabh Yadav (SAIL Bhilai)
10:45AM – 11:00AM	Lecture 3: Mr. Navneet Sinha (Tata Steel)
11:00AM – 11:30AM	HiTea/Breakfast
Session 2A: Purging Plugs in BOF – Efficiency & Process Optimization	
11:30AM – 12:00PM	Lecture 4: Mr. Kaushik Dasgupta (RHIM) <i>Title: Purging in BOF – Its Advantage and Criticalities</i>
12:00PM – 12:30PM	Lecture 5: Mr. Takeuchi Kazuhiko (TRLK) <i>Title: MHP For BOF Application</i>
12:30PM – 01:00PM	Lecture 6: Mr. Ryosuke Nishikawa (TYK) <i>Title: Improvements of BOF Operation Effectiveness and Life Extension with TYK Jumbo MHP</i>
01:00PM – 02:30PM	Lunch



Session 2B: Purging Plugs in BOF – Mechanism & Innovations

02:30PM - 03:00PM	Lecture 7: Mr. Christopher Bryce (Vesuvius) <i>Title: New Generation Purging Solutions for BOF</i>
03:00PM - 03:30PM	Lecture 8: Mr. Haysler Lima (Shinagawa) <i>Title: Increase in Productivity of BOF by Using New Design of Tuyeres for Combined Flow</i>
03:30PM - 04:00PM	Fireside Chat with Dr. Atanu Ranjan Pal
04:00PM - 04:30PM	Tea break

Session 3A: Purging Plugs in Steel Ladle – Design, Mechanism & Application

04:30PM - 05:00PM	Lecture 9: Mr. Bashir Mohammed (IFGL) <i>Title: Evolution of Bottom Purging Technologies in Steel Ladle</i>
05:00PM - 05:30PM	Lecture 10: Dr. Bernd Trummer (RHIM) <i>Title: Gas Purging in Secondary Metallurgy- Pushing the Limits</i>
05:30PM - 06:00PM	Lecture 11: Mr. Takafumi Imaeda (TYK) <i>Title: Improvements of Lifetime of Purging Plugs</i>
06:00PM - 06:30PM	Lecture 12: Mr. Harpanahalli Mahesh Babu (Tata Steel) <i>Title: Purging Technology & its metallurgical benefits</i>
07:00PM - 10:30PM	Cultural Session + Dinner

Day-2: Thursday, 11th April 2024

09:30AM - 10:15AM	Trailblazer Series
--------------------------	---------------------------

Session 3B: Purging Plugs in Steel Ladle – Advanced Technologies & Processes

10:15AM - 10:45AM	Lecture 13: Mr. Samit Sengupta (PRCO) <i>Title: Case studies on Global Purging Developments</i>
10:45AM - 11:15AM	Lecture 14: Mr. Ravi Wasudeb Golani (Tata Steel) <i>Title: Recent Developments in Steel Ladle Purging: Enhancing Process</i>
11:15AM - 11:30AM	Tea break



Session 4: Tundish Purging & Metallurgical Benefits

11:30AM – 12:00PM	Lecture 15: Prof. Dipak Mazumdar (IITK) <i>Title: Multiphasic Interactions in Tundish and Continuous Casting Mold and their role in clean steel making</i>
12:00PM – 12:30PM	Lecture 16: Dr. Anupal Sen (RHIM) <i>Title: Argon Purging Through Refractories in Tundish for Casting Cleaner Steel</i>
12:30PM – 1:00PM	Lecture 17: Mr. Sourav Banerjee (IFGL) <i>Title: Tundish Purging Block Effectiveness in Clean steel Manufacturing</i>
01:00PM – 02:00PM	Lunch

Session 5: Purging in EAF/Conarc – Challenges & Solutions

02:00PM – 02:30PM	Lecture 18: Prof. Ashok Kamaraj (IITH) <i>Title: Influence of Bottom Purging on Slag Carryover During Eccentric Bottom Tapping of EAF – A Cold Model Study</i>
02:30PM – 03:00PM	Lecture 19: Mr. Dipankar Ghosh (RHIM) <i>Title: Purging in EAF & Conarc using DPP- Advantages and Criticalities</i>


Contributory Lectures


03:00PM – 03:30PM	Lecture 20: Mr. Shankha Chatterjee (Almatis) <i>Title: Optimised Recipe Solutions for High Performance Purging Plugs</i>
03:30PM – 04:00PM	Lecture 21: Mr. Subhadeep Chowdhury (TRLK) <i>Title: A holistic Approach for purging plug development & application</i>
04:00PM – 04:30PM	Lecture 22: Mr. Rajendra Kumar Pradhan (SRU-IFICO) <i>Title: Application of purging refractories in 300 Ton Steel Ladle: A case study</i>
04:30 PM Onwards	Tea Break & Dispersal





INLSERT - 25

 Hotel Swosti Premium,
Bhubaneswar, India

 10th & 11th April, 2025