IBAAS-VFMSTA 2026

TECHNICAL PROGRAM

October 28 – 29, 2026

International Bauxite, Alumina & Aluminium Society (IBAAS)

Jointly with

Vietnam Foundry and Metallurgy Science and Technology Association (VFMSTA)

Presents

15TH INTERNATIONAL BAUXITE, ALUMINA & ALUMINIUM CONFERENCE & EXHIBITION

STRENGTHENING THE GLOBAL ALUMINIUM INDUSTRY AND CRITICAL MINERALS: VIETNAM AS A RISING HUB IN ASIA

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15th International Bauxite, Alumina & Aluminium Conference & Exhibition (IBAAS-2026)		
October 28-29, 2026, | Hanoi University of Science and Technology		
Technical Program of IBAAS-VFMSTA 2026 Conference & Exhibition		
Tuesday- 27th October 2026		
14.00-18.00	Conference Registration at Hanoi University of Science and Technology (10th Floor)	
Wednesday- 28th October 2026		
Location: Auditorium		
Time (Hour)	Program	
07.30 - 08.30	Conference Registration at Hanoi University of Science & Technology (10th Floor)	
08.30 – 09.00	Opening Ceremony Welcome speech of President of VFMSTA Opening speech of President of IBAAS	
Time (Hour)	Speaker	Title
Keynote session		
Session Chairpersons: Dr. Ashok Nandi and Prof. Huynh Trung Hai		
9:00-9:25	Representative of VINACOMIN	Overview of Vietnam Bauxite, alumina and Aluminum Development Strategy
9:25–9:50	Johanna Vu, Chief Strategy Officer, Stavian Industrial Metal Joint Stock Company	Vietnam's Green-Aluminium Transition: Opportunities and Challenges
9:50-10:05	Kamal Prakash, AlCircle	Outlook 2026-2036 for Bauxite – Alumina- Primary Aluminium
10:05-10:20	Jordan Janesputra, SMM	Vietnam's Aluminium Industry Within the Emerging Southeast Asian Market Landscape
10:20-10:35	**Opening Exhibition**	
10:35-10:55	*Visit Exhibition and Tea break*	
	Keynote session (Continue)	
10:55-11:10	Representative of VAA	Overview of Vietnam Aluminum Profile Industry
11:10-11:25	Edgardo Gelsomino, Wood Mackenzie	The Next Cycle of Aluminium Growth and Its Carbon Consequences

11:25-11:40	Errol Jaeger, Consultant	Vietnam's Bauxite and Alumina Industry: Resource Potential, Expansion Ambitions, and the Engineering Conditions for Delivery
11:40-11:55	Andrew Furlong, Worley	A Low-Energy, Zero-Carbon Bayer Steam Circuit
12.00 - 13.00	*Lunch Break*	
Session: Bauxite-Alumina		
Session Chairpersons: Mr. Lu Yanfeng and A/Prof. Luu Duc Hai		
13:00–13:15	Yuguo Chen, Shenyang Aluminum & Magnesium Engineering & Research Institute Co.	Continuous Advances in SAMI Alumina Technology and Equipment
13:15–13:30	Rana Goswami, KGS India	Integrated Recovery of High-Purity Gallium from Bayer Liquor: Turning a Trace Critical-Metal Resource into an Industrial Product
13:30–13:45	Yves Occello, Amber Generation	Navigating Resource Depletion and Geopolitical Volatility Through Technological Agility
13:45–14:00	Greg Miller, Hatch Pty Ltd	Decarbonization Strategies for High-Temperature Digestion Facilities
14:00–14:15	Tran Minh Huan and Pham Dang Dich, Ministry of Industry; Institute of Mining and Metallurgy Science and Technology	Selecting Alumina Production Technology in Vietnam
14:15–14:30	Shounak Banerjee, NALCO Water	Improving Plant Productivity and Product Quality Through Nalco Water's Innovative Technology
14:30–14:45	Nguyen Van Minh, Nguyen Van Hau, Institute of Mining Science and Technology – Vinacomin	Recovering Bauxite Ore from 1 mm Tailings at the Tan Rai Processing Plant Using a Spiral Classifier
14:45–15:15	*Tea and coffee break*	
Session: Aluminium Smelting		
Session Chairpersons: Ms. Susan Ma and Prof. Doan Dinh Phuong		
15:15–15:30	He Yi, China Nonferrous Metal Industry's Foreign Engineering and Construction Co., Ltd. (NFC)	Delivering Vietnam's First 450,000 t/a Aluminium Smelter: Integrated Schedule and Quality Management Enabled First Metal 51 Days Early at the Dak Nong Project

15:30-15:45	Nguyen Thi Hoang Lien and Luu Duc Hai, University of Science, Vietnam National University, Hanoi; Vietnam Environmental Economics Association	Aluminium Electrolysis Technology and Environmental Challenges in Vietnam
15.45-16.00	Guojing Hu, GETI, China	Carbon-saving Technology and Testing Standards for Anti-Oxidation Functional Ceramic Coating on Prebaked Anodes
16:00–16:30	Sponsor Presentation 1 — Platinum Sponsor: NFC	
16:30–16:55	Sponsor Presentation 2 — Gold Sponsors: Nalco Water and Bateco Group	
16:55–17:20	Sponsor Presentation 3 — Gold Sponsor: SAMI	
From 19:00	*Gala dinner at Hotel du Parc Hanoi*	

Thursday, 29th October 2026		
Venue: Auditorium		
Time	Speaker	Presentation Title
Session: Bauxite and Alumina		
Session Chairs: Mr. Andrew Furlong and Dr. Pham Dang Dich		
08:30–08:45	Brady Haneman, Hatch Pty Ltd	Maximising Capacity in Tube Digestion Facilities
08:45–09:00	La The Vinh, Nguyen Hoang Tuan, Nguyen Quang Bac, Vu Market Tan and Truong, Hanoi University of Science and Technology	Producing High-Purity Alumina Through Thermal Decomposition of Inorganic Aluminium Salts
09:00–09:15	Basudeb Dutta, Consultant	Bauxite Beneficiation for the Metallurgical Industry
09:15–09:30	Pungkuntran Jaganathan, FLSmidth Private Limited	Reducing the Carbon Footprint of Alumina Calciners
09:30–09:45	Robert Claußnitzer, AKW Apparate + Verfahren GmbH	AKW A+V Expertise in Upgrading Bauxite and Tailings, Classifying Alumina, and Desanding Red Mud
09:45–10:00	Luu Thi Hong, Luong Duc Long, Nguyen Van Hoan, Trinh Thi Cham and Ta Van Luan, Vietnam Institute for Building Materials (VIBM)	Developing CA50 Calcium Aluminate Cement from Waste Alumina: Effects of Raw-Mix Chemistry and Sintering on Early-Age Performance

10:00–10:30	*Tea and coffee break*	
Session: Bauxite, Alumina, and Bauxite Residue (Red Mud)		
Session Chairs: Mr. Errol Jaeger and Prof. Bui Anh Hoa		
10:30–10:45	Brady Haneman, Hatch	Acoustic Modelling of Positive-Displacement Pumps
10:45–11:00	Vu Diem Ngoc Tran, T. T. Nguyen, D. D. Trinh and T. D. Tran, Hanoi University of Science and Technology; Vinacomin–Dak Nong Aluminium Company	Recovering Alkali from Bayer Red Mud by Leaching with a CaO-Containing Solution
11:00–11:15	Jurgen Hahn, BOKELA GmbH	How Modern Filter Design Supports Energy-Efficient Refining
11:15–11:30	Anay Mashruwal, Venus Engineering, India	Data-Driven Asset Reliability in Alumina Refining: AMC Trend Analysis for Valves and Pumps and the Case for Sensor-Enabled AI Predictive Maintenance
11:30–11:45	Hoang Minh Hung, Le Binh Duong, Doan Van Thanh, Nguyen Quang Ha, Do Kien Cuong and Ton Thu Huong, Institute of Mining Science and Technology–Vinacomin	Research Findings on Dry Disposal of Red Mud at the Lam Dong Alumina Plant
11:45–12:00	Ashok Nandi, IBAAS	Advances in Bauxite Beneficiation for Non-Metallurgical Uses
12:00–13:00	*Lunch break*	
Session: Bauxite Residue (Red Mud)		
Session Chairs: Mr. Basudeb Dutta and A/Prof. Tran Vu Diem Ngoc		
13:00–13:15	Luan Van Pham, Ha Viet Le, Tuyen Dinh Trinh and Nhuong Van Nguyen, Hanoi University of Mining and Geology; Vinacomin–Dak Nong Aluminium Company	Using Red Mud for Flue-Gas Capture and Treatment: A Green Solution for the Alumina Industry
13:15–13:30	Nguyen Trung Minh, Cu Sy Thang, Nguyen Thi Thu, Nguyen Kim Thuong, Doan Dinh Hung, Le Thi Phuong Dung, Nguyen Van Thanh, Young J. Lee, Ho Young Jo and	Granular Material Derived from Bao Loc Bauxite Red Mud: Potential Applications in Wastewater Treatment

	Seong-Taek Yun, Vietnam Academy of Science and Technology (VAST)	
13:30–13:45	Le Thi Mai Huong, Nguyen Van Tien, Bui Cong Trinh and Nguyen Trung Hieu, Hanoi University of Science and Technology	Selective Al–Fe Leaching from Central Highlands Red Mud: Kinetics, Solid-Phase Transformation, and Multi-Product Valorisation
13:45–14:00	Truong Anh Thu, Chu Qui Thuong, Pham Thi Mai Huong, Hanoi University of Industry	Synthesising Fe3O4 Nanomaterials from Tay Nguyen Red Mud and Their Preliminary Use in Treating Cr (VI) in Electroplating Wastewater
14:00–14:15	Nguyen Ba Phong, Pham Thanh Hai and Trinh Dinh Tuyen, Vietnam National Coal and Mineral Industries Holding Corporation Limited (Vinacomin)	Experimental Recovery of Aluminium Alum and Iron (III) Oxide from Red Mud at Dak Nong Aluminium Company–Vinacomin
14:15–14:30	Duc Hai Luu, Manh Tien Truong, Xuan Cu Nguyen, Xuan Truong Nguyen, Khanh Linh Nguyen and Thi Hoang Lien Nguyen, Vietnam Association for Environmental Economics; Vietnam Academy of Science and Technology	Environmental and Economic Assessment of Red-Mud Treatment and Utilisation Methods in Vietnam
14:30–14:45	Vu Xuan Minh, Nguyen Tuan Dung, Nguyen Thanh My and Le Thi Mai Huong, Institute of Tropical Technology, Vietnam Academy of Science and Technology	Sulfuric-Acid Activation of Red Mud and Its Cr(VI) Adsorption Capacity
14:45–15:00	*Tea and coffee break*	
Session: Aluminium Smelting		
Session Chairs: Mr. Pradip Choudhury and A/Prof. Le Thai Hung		
15:00–15:15	Ban Yungang, Northeastern University Engineering & Research Institute Co.	Research, Development, and Global Engineering Applications of NEUI's Integrated Technologies for Large-Scale, Green, Low-Carbon, Intelligent Aluminium Smelting
15:15–15:30	Adish Jain, Hindalco Industries Ltd., Hirakud Smelter	Digital Transformation of Hazardous-Waste Management at Hindalco Hirakud's Next-Generation Aluminium Smelter

15:30-15:45	*Tea and coffee break*	
Session: Aluminium Downstream		
Session Chairs: Dr. Ashok Nandi and A/Prof. To Duy Phuong		
15:45–16:00	Do Thi Duyen and To Duy Phuong, Vietnam Academy of Science and Technology, Hoang Quoc Viet Street	Using Rare-Earth Metals to Modify Harmful Intermetallic Compounds and Improve Aluminium-Alloy Quality
16:00–16:15	Hoang Van Quan and Nguyen Hong Quan, Institute of Mining and Metallurgy Science and Technology	Melting and Heat Treatment of A7075–Al5Zn2Mg2Cu Aluminium Alloy for Producing a 750 kg Medium-Frequency Furnace Cover
16:15–16:30	Vu Thi Huong Ly, Do Van Quang, Le Thi Van Anh and Nguyen Chu Bao Long, Department of Metallurgy Technology, National Institute of Mining and Metallurgy Science and Technology	Effects of Ageing Parameters on the Microstructure and Mechanical Properties of Extruded 6063 and 6005 Alloys

Session: Pannel discussion and ESG Award Ceremony		
Aluminium industry's most pressing sustainability and supply chain challenges and how ESG practices can help build resilient, responsible, and future-ready business		
16:30–16:35	**Pannel Discussion**	Mr. Pierre Dominique TRAORE Directeur Groupe Stratégie Développement & Qualité
16:35–16:40		Ms. Nancy Eg-Karntrong is Associate Sustainability Director at TBC Ball Beverage Can Vietnam Limited
16:40–16:45		Mr. Vijay Chauhan Head Baphlimali Bauxite Mines
16:45–16:50		Mr. Gangaa C SHARMA, Managing Director & CEO, CETIZION Verifica Private Limited
16:50–17:15	**ESG Excellence Awards Ceremony**	
17:15–17:45	**Concluding Session**	

POST CONFERENCE VISITS TWO PLANT (GRANDO ALUMINIUM PROFILES PLANT NEAR HANOI OR RECYCLING PLANT)	
Friday- 30th October 2026	
Departure Location: Hanoi University of Science and Technology Hanoi, Vietnam	
Coordinator: MSc. Phạm Cong Dung (M: +84 91 306 72 74)	
Time (Hrs.)	Program
10:00 TO 15.00	Departure from Hanoi University by Bus
	Arrival at Grando aluminum Profiles plant or Recycling Plant
	Plant Visit followed by Lunch
	Departure Grando aluminum Profiles plant or Recycling Plant
	Arrival at Hanoi University