



Second Circular
April 2026

International Bauxite, Alumina & Aluminium Society (IBAAS)

in Association with

Indian Institute of Metals, Sambalpur (IIM Sambalpur Chapter)

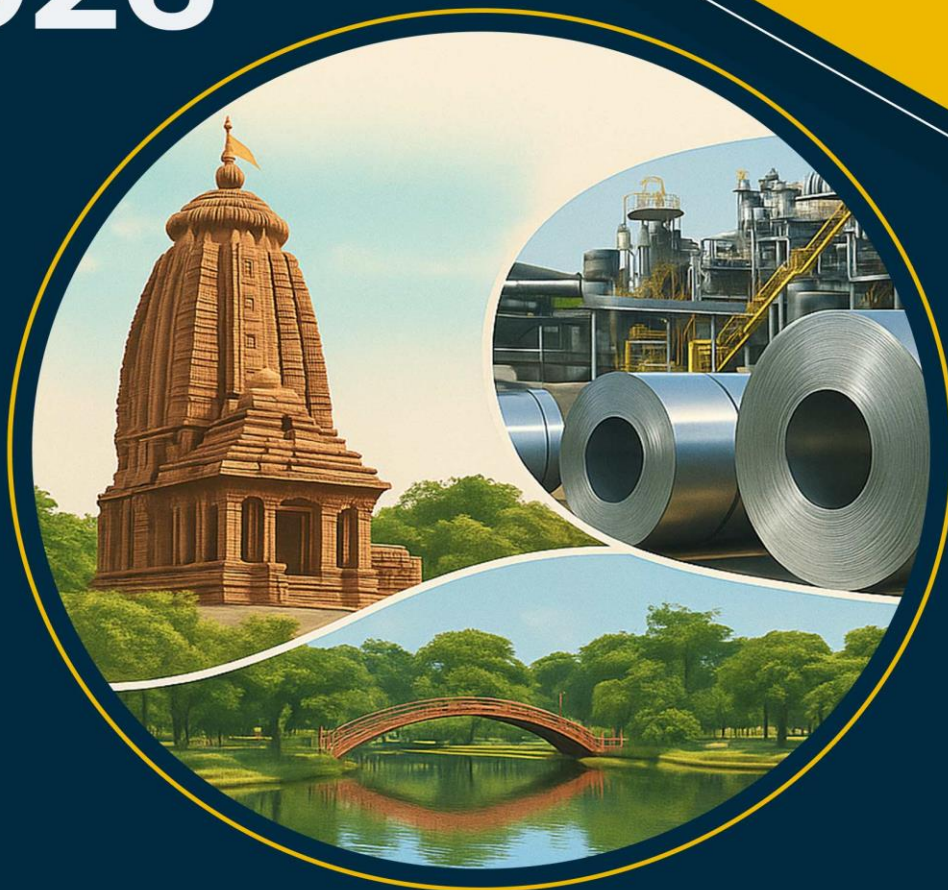
Presents

14TH INTERNATIONAL BAUXITE, ALUMINA & ALUMINIUM CONFERENCE & EXHIBITION

Global Aluminium Outlook 2030:
Secure Resources, Efficient Energy and
Value from Wastes

September 9-11, 2026

IBAAS 2026



MAYFAIR HOTELS & RESORTS LTD.
JHARSUGUDA (INDIA)



Invitation

The **International Bauxite, Alumina & Aluminium Society (IBAAS)** is pleased to announce the **14th International Bauxite, Alumina & Aluminium Conference & Exhibition (IBAAS-2026)**, scheduled to be held during **9–11 September 2026** at **MAYFAIR Hotels & Resorts** in **Jharsuguda, Odisha, India**.

IBAAS-2026 is being organized at a pivotal time when the global aluminium industry is accelerating its transition towards **low-carbon operations, clean energy adoption, and sustainable growth**. In response to these evolving industry priorities, the conference theme has been aptly defined as:

“Global Aluminium Outlook 2030: Secure Resources, Efficient Energy and Value from Wastes.”

Special Technical Sessions

The **technical program** of the **IBAAS 2026 Conference & Exhibition, Jharsuguda**, has been thoughtfully structured into multiple **high-impact technical sessions** addressing key segments of the **bauxite, alumina, and aluminium value chain**. These sessions are being **curated and coordinated by eminent experts** from industry, research institutions, and leading technology providers.

In addition to comprehensive technical papers on **bauxite, alumina, and aluminium**, IBAAS has finalized the following **special thematic sessions** for the 2026 Jharsuguda Conference:

1. Bauxite Beneficiation and Conservation

Session Coordinator: Dr. Ashok Nandi

2. Bauxite Residue (BR / Red Mud)

Session Coordinator: Ms. Sangita Sadafule, Deputy CEO – Red Mud, Vedanta Limited, Lanjigarh

3. Non-Metallurgical Bauxite–Alumina Applications

Session Coordinator: Dr. Jyoti Prakash Nayak, General Manager – High Alumina Technology, TRL Krosaki Refractories Limited

4. Green Aluminium

Session Coordinator and Chair: Mr. Abhijit Pati, Ex CEO & Whole-time Director and Ex Chief Transformation Officer – Aluminium Business, Vedanta

5. Re-imagining the Aluminium Value Chain through Digitalization

Session Coordinator and Chair: Mr. Pradip Ranjan Choudhury, Leading Smelter Expert

6. Application of Artificial Intelligence in the Aluminium Industry

Session Coordinator: Mr. Ashutosh Kumar, VP of Engineering, Caliche

7. Value Recovery from Aluminium and Power Plant Wastes

Session Coordinator: Dr. Maneesh C. Srivastava, Deputy Head – R&D, Aluminium Business, Vedanta Aluminium

8. Cathodes for Energy Management and Pot-Life Extension

Session Coordinators:

Mr. Bibhu Mishra, Advisor, Hindalco Industries Limited, India

Mr. Pratap Kumar Sahu, Vice Chairman (IIM, Sambalpur Chapter), Jt. President, Hirkud Smelter, Hindalco

9. Aluminium Alloys – Sustainable and Smart Engineering Solutions

Session Coordinator: Dr. Amit Chatterjee, Advisor – Aluminium Industry

10. Aluminium Recycling: Driving the Circular Economy and Green Metal Transition



Organizer



Associated Organization



IIM Sambalpur Chapter

Silver Sponsor



Exhibitors



Media Partners





Interesting Topics

- **Integrated Red Mud Pond Management Using Digitalization and Artificial Intelligence** by Chiradip Roy of Hindalco Industries Limited
- **Predictive Modelling of Alumina Trihydrate Particle Size Using Machine Learning** by Gowtham Isakapatla of Hindalco Industries Limited
- **AI Enabled Bauxite Yard Management Using Online Analyzer, Intelligent Stacking–Reclaiming, and Real Time Laser Based Volume Control** by Santunu Pathy of HINDALCO - UAIL Refinery
- **AI-Guided Optimization of Last Growth Tank Temperature in the Precipitation Circuit of Utkal Alumina International Limited (Alumina Refinery)** by Jeeban Priyadarshan Mishra of HINDALCO - UAIL Refinery
- **Transforming Effluent Treatment through Automation, Analytics, and Circular Resource Recovery** by Chiradip Roy of Hindalco Industries Limited
- **Digital Transformation in a 60-Year-Old Industrial Plant: A Practical Approach** by Biswajit Tewari of Hindalco Industries Ltd.
- **Predicting Keyholes in Additively Manufactured Aluminium Using a Multiphase Physics Model of AM Pravah®** by Adwaith Gupta of Paanduv Applications Private Limited
- **The Next Cycle of Aluminium Growth and its Carbon Consequences** by Edgardo Gelsomino of Wood Mackenzie
- **Green and Low-carbon Aluminium Technologies** by Raveendra Chatragadda
- **Challenges in Designing Equipment for Small Speciality Alumina Refineries** by B. P. Misra of JASH Process Equipment Pvt. Ltd.
- **Sustainable Refractory Engineering: Performance Optimization and Shell Temperature Minimization by Using Dense Bauxite in ASC brick** by Aakash Dalui of TRL Krosaki Refractories Limited
- **Selective Removal of Iron Oxide from Bauxite Ore** by Sachin Arya of Gharda Scientific Research and Foundation
- **Cathodes for Energy Management and Pot Life Extension** by Bibhu Prasad Mishra of Hindalco Industries Ltd.
- **Continuous Developments/Improvements in Cathode Lining of Low Amperage Pots (Hirakud Smelter) to Improve Pot Life and Energy Efficiency** by Pratap Sahu of Hindalco Industries Ltd.
- **Improvement in Anode Quality by Collaboration & In-house Process Optimization** by Anamit Deb Gupta of Aditya Aluminium Ltd (A unit of Hindalco Industries Ltd)
- **From Reactive to Predictive: Data-Driven Reliability Enhancement of Rectifier** by Biswajit Tewari of Hindalco Industries Ltd.
- **Sustainable Recycling of Raw Materials and by- products of Smelters with Reference to Carbon, and Carbon Dust for Operation of Greener Aluminium Smelters** by Maheswar Behera, Consultant – Aluminium Industries
- **A Compressible Multiphase Volume of Fluid Model for Aluminum Powder Production Using Inert Gas Atomization** by Adwaith Gupta of Paanduv Applications Private Limited
- **Aluminium Scrap Recycling Technology with Latest Vortex Melting Technology** by Prakash Maladkar of AFECO Heating Systems

Kindly visit the IBAAS website to access the abstracts of the papers.



About IBAAS



IBAAS, International Bauxite, Alumina & Aluminium Society was set up by professionals active in various fields of aluminium industry and is registered in India Registration No.MAH-820/12 (N). The society has vast experience in organizing conferences on bauxite, alumina and aluminium in India, China and Guinea. IBAAS has successfully organized Thirteen International Aluminium Industry events in Asia and Africa during the period 2012-2025. Details of these past IBAAS International conferences can be downloaded from the IBAAS website <http://www.ibaas.info/>.

Patrons

- Mr. Brijendra Pratap Singh, CMD of NALCO, India
- Mr. Satish Pai, Managing Director of Hindalco Industries Ltd, India
- Mr. Rajiv Kumar, CEO of Vedanta Aluminium, India
- Mr. S. Kananand, President & Head Mfg CoE of Hindalco Industries Ltd, India
- Mr. C Chandru, Chief Executive Officer of Vedanta Jharsuguda
- Mr. Bibhu Mishra, Advisor of HINDALCO, India
- Mr. Abhijit Pati, Consultant Aluminium Industry
- Mr. Kailash Pandey, President- Business Head Mining and Cluster of Hindalco Industries Ltd, India
- Dr. Vilas Tathavadkar, Chief Technology Officer (Aluminium upstream and Copper) of Hindalco Industries Ltd

Advisory Committee

- Dr. Amit Chatterjee, Advisor - Aluminium Industry
- Mr. Senthil Nath, President - MCOE, Hindalco Industries Ltd
- Mr. Pradip Choudhury, Leading Smelter Expert
- Mr. Jagannath. P. Nayak, Unit Head, Aditya Aluminium, Hindalco - Lapanga (Sambalpur)
- Mr. Gyorgy Banvolgyi, Senior Process Consultant, Alumina
- Mr. Kausikisaran Misra, Head-Operations (Alumina Refinery), HINDALCO
- Dr. Amit Gupta, Senior Lead Scientist, Aditya Birla Science & Technology Co Pvt Ltd (ABSTC)
- Dr. Maneesh Chandra Srivastava, Deputy Head – R&D, Aluminium Business, Vedanta Aluminium
- Ms. Rosalin Pradhan, Dy. Director Technical, Digitalisation, Vedanta Aluminium Ltd.
- Dr. Satya Prakash Mohapatra, General Manager, NALCO



Advisory Committee (Contd.)

- Mr. Prakash Sappa, Executive Member (IIM, Sambalpur Chapter), Sr. VP, JSW Steel, Sambalpur Works
- Mr. Pratap Kumar Sahu, Vice Chairman (IIM, Sambalpur Chapter), Jt. President, Hirakud Smelter, Hindalco
- Ms. Sangita Sadafule, Deputy CEO – Red Mud, Vedanta Limited, Lanjigarh
- Mr. Sankar Sankaranarayanan, Consultant- Aluminium Industry
- Dr. Jyoti Prakash Nayak, General Manager – High Alumina Technology, TRL Krosaki Refractories Limited
- Mr. Ashutosh Kumar, VP of Engineering, Caliche
- Mr. Kiran Deshpande, Country Manager- India of ALTEK EUROPE LIMITED, UK
- Mr. Satyanarayan Das, Consultant- Aluminium Industry

Organizing Committee

- Dr. Arun Nandi, Secretary- IBAAS
- Dr. M K Roy, Member- IBAAS
- Mr. Jay Prakash Soni, Treasurer- IIM, Sambalpur Chapter
- Mr. Arbind Kumar Akela, Executive Member- IIM, Sambalpur Chapter
- Ms. Priyanka Jadhav, Executive- IBAAS
- Ms. Kabita Nandi, Member- IBAAS
- Ms. Piyal Sen Gupta, Designer- IBAAS
- Ms. Disha Balpande, Executive Assistant- IBAAS

Convener

- Dr. Ashok Nandi, President- IBAAS



Conference Highlights

IBAAS 2026 ESG Awards

Following the highly successful ESG Awards organized in 2024 and 2025, **IBAAS, in collaboration with CETIZION Verifica, is pleased to continue this distinguished initiative in 2026.** The **IBAAS 2026 ESG Awards** aim to recognize and honor organizations in the **global aluminium industry** that demonstrate outstanding commitment to **environmental sustainability, social responsibility and good governance.**

These awards highlight companies that set industry benchmarks in areas such as **green innovations, workplace safety, community development, ethical practices and transparency.** Organizations that are contributing meaningfully to sustainable development and responsible industrial growth are encouraged to participate.

IBAAS invites companies to **showcase their ESG achievements and initiatives** and gain international recognition as sustainability leaders of the aluminium sector.

For further details and submissions, please visit:

www.ibaas.info/esg-awards

For coordination and queries, please contact:

Mr. Gangaa C. Sharma

gangaacsharma@cetizionverifica.com

Post Conference Visit

A post-conference technical visit to the Aditya Aluminium Smelter at Lapanga (approximately 30 km from MAYFAIR Oasis Resort & Convention) is scheduled for Saturday, 12th September 2026. The participation fee is INR 6,000 + 18% GST (USD 60 + 18% GST).

Participation is limited to 30 delegates and will be offered on a first-come, first-served basis. Interested delegates are requested to confirm their participation in advance.



Conference Information

Important Dates

Deadlines for submission of abstract and final manuscript

- Topic with Abstract: 30th April, 2026
- Final manuscript: 31st July, 2026
- Presentations: 31st August, 2026

Please submit the abstract, paper, or presentation on info@ibaas.info or info.ibaas@gmail.com.

For young specialists, research scholars and students, a special Poster Session will be organized at the venue of conference.

Language

The language of the Conference is English. Papers will be published in the Proceedings Volume in English.

Invitation Letter

If requested by participants, an official invitation letter would be organized by IBAAS.

Proceedings

Selected papers will be published in the form of PROCEEDINGS (BINDER Volume 14) and a soft copy will be made available to all the delegates during the Conference.

Conference Venue

The IBAAS-2026 Conference & Exhibition will be held at the *Mayfair Hotel, Jharsuguda-India.*

Contact details:

MAYFAIR Oasis Resort & Convention

Address: TRC Building, Near Sub Jail, Durlaga, Jharsuguda, ODISHA – 768 204

Website: www.mayfairhotels.com

Contact Person: Kumar Keshav, AGM - Sales & Marketing

Mobile: + 91 - 91247 52305 | Email: agmsales.jharsuguda@mayfairhotels.com

Accommodation

A list of recommended hotels along with applicable room tariffs is available on the IBAAS website. Participants are requested to visit the link below for detailed information and booking arrangements:

<https://ibaas.info/accommodation-ibaas-2026-india/>



Delegate Fee

Please find below the fees for delegates, paper presenters and student/research scholar. Delegates from India and other countries can pay in INR and US\$.

Sr. No.	Participants	Organizational Fee	
		INR (₹)	US\$
1.	General Delegates	35,000	425
2.	Paper Presenters	20,000	225
3.	Government R&D Institutes / Government Officials	20,000	225
5.	Students/Research Scholar	10,000	125
6.	Accompanying Spouse	10,000	125

- ✓ *Delegate fee includes conference materials, lunches, dinner and tea/coffee.*
- ✓ *Extra 18% GST will be applicable on both INR and US\$.*
- ✓ *Interested students and research scholars should provide their poster presentations during the conference.*

Sponsorship

Sponsoring this IBAAS-2026 International Event will provide the opportunity to highlight your company profile and gain unparalleled access to the key decision makers in this industry.

The sponsorship packages available are:



Platinum Sponsor:
₹11,00,000+18% GST or
US\$12,000+ 18% GST

1. About 30-minute presentation on the first day of IBAAS conference
2. Chairman of one session
3. A standard stall
4. Company logo on IBAAS webpage with a link
5. Company name and logo on background board of conference venue, advertisements and conference documents
6. Company name in all the publications of IBAAS
7. Sponsorship highlighted in updated conference circular that will be sent to all the aluminium companies
8. Projection of company name and logo in panel hall during tea break
9. Full page coloured advertisement in conference souvenir (booklet)
10. Conference registration for 8 delegates included

Gold Sponsor:
₹8,50,000+18% GST or
US\$9,500+18% GST

1. A 25-minute presentation on the first day IBAAS conference
2. A standard stall
3. Company logo on IBAAS webpage with a link
4. Company name and logo on background board of conference venue, advertisements and conference documents
5. Company name in all the publications of IBAAS
6. Sponsorship highlighted in updated conference circular that will be sent to all the aluminium companies
7. Projection of company name and logo in panel hall during tea break
8. Full page coloured advertisement in conference souvenir (booklet)
9. Conference registration for 5 delegates included

Silver Sponsor:
₹7,50,000+18% GST or US\$
8,500+18% GST

1. A 20-minute presentation on the first day IBAAS conference
2. Company logo on IBAAS webpage with a link
3. Company name and logo on background board of conference venue, advertisements and conference documents
4. Company name in all the publications of IBAAS
5. Sponsorship highlighted in updated conference circular that will be sent to all the aluminium companies
6. Projection of company name and logo in panel hall during tea break
7. Full page coloured advertisement in conference souvenir (booklet)
8. Conference registration for 3 delegates included



Support Sponsor:
₹5,00,000+18% GST or US\$
5,500+18% GST

1. Company logo on IBAAS webpage with a link
2. Company name and logo on banners at the venue
3. Company name and logo on background board of conference hall, advertisements and conference documents
4. Company name in all the publications of IBAAS
5. Sponsorship highlighted in updated conference circular that will be sent to all the aluminium companies
6. Full page coloured advertisement in conference souvenir (booklet)
7. Conference registration for 2 delegates included

Conference Dinner Sponsor:
₹5,00,000+18% GST or US\$
5,500+18% GST

1. Company logo on IBAAS webpage with a link
2. Company name and logo on banners at the venue
3. Company name and logo on background board of conference hall, advertisements and conference documents
4. Company name in all the publications of IBAAS
5. Sponsorship highlighted in updated conference circular that will be sent to all the aluminium companies
6. Full page coloured advertisement in conference souvenir (booklet)
7. Conference registration for 2 delegates included

Conference Lunch Sponsor:
₹4,00,000+18% GST or US\$
4,500+18% GST

1. Company logo on IBAAS webpage with a link
2. Company name and logo on banners at the venue
3. Company name and logo on background board of conference hall, advertisements and conference documents
4. Company name in all the publications of IBAAS
5. Sponsorship highlighted in updated conference circular that will be sent to all the aluminium companies
6. Full page coloured advertisement in conference souvenir (booklet)
7. Conference registration for 2 delegates included

✓ **Extra 18% GST will be applicable on both INR and US\$.**



Exhibition

At the venue of the IBAAS-2026 conference, an exhibition will be organized showcasing the developments of the aluminium industry in India and the world over. Fully furnished aluminium framed stalls of 2m x 2m size would be available for interested companies. More than 300 delegates from India and abroad are expected to participate in this International mega event. The tariff for the exhibition stall is as follows:

Sr. No.	Exhibition module	Tariff for 3 days conference	
		INR (₹)	US\$
1	1 stall	350,000	4,000
2	2 stalls	600,000	7,000
3	3 stalls	950,000	10,500

- ✓ *The exhibitor will get 2 free delegates on registration of each stall.*
- ✓ *Extra 18% GST will be applicable on both INR and US\$.*

Advertisement

A Souvenir (booklet) will be published containing company profiles and advertisements. The tariff is as follows:

Sr. No.	Advertisement in Conference Souvenir	Fee	
		INR (₹)	US\$
1	Back Page Cover (Colored)	120,000	1,500
2	Front inside Page (Colored)	96,000	1,200
3	Back inside Page (Colored)	72,000	900
4	Full Page (Colored)	60,000	800
5	Half Page (Colored)	48,000	600
6	Black & White (Full Page)	48,000	600

- ✓ *For Indian companies extra 18% GST will be applicable.*
- ✓ *For Foreign companies No GST is applicable.*



Mode of Payment

The official payment gateway for IBAAS conferences and exhibitions is managed by **INSTITUTION OF BAUXITE ALUMINA AND ALUMINIUM STUDIES PVT LTD.** (Trademark name: **International Bauxite, Alumina and Aluminium Society - IBAAS**).

Company details for remittances:

- **Registration No.:** U74999MH2020PTC338118
- **PAN:** AAFCI5966F
- **GSTIN:** 27AAFCI5966F1ZA

Kindly use this payment gateway for all IBAAS-related transactions.

The Indian companies / delegates can pay registration, sponsorship, advertisement and exhibition fee in one of the following ways:

Payment to the Bank account of IBAAS, India:

- By wire / Internet transfer to IBAAS Current Account
Account No. 005905020300
Bank name: ICICI Bank (Nagpur Civil Lines)
SWIFT CODE: ICICINBBCTS
RTGS/NEFT IFSC code: ICIC0000059
- By multicurrency cheque or demand draft in the name of "INSTITUTION OF BAUXITE ALUMINA AND ALUMINIUM STUDIES PVT LTD" and send it by post to IBAAS, Row House A/5, Rajat Utsav II Kachimet, Amravati Road, Nagpur 440033, India.
- Payment can also be made by Indian companies and delegates through the QR code given below:



The foreign companies / delegates can pay their registration, sponsorship, advertisement and exhibition fee in the following way:

- By wire / Internet transfer to IBAAS Current Account
Ultimate Beneficiary:
Account Number: 005905020300
Account Name: INSTITUTION OF BAUXITE ALUMINA AND ALUMINIUM STUDIES PVT LTD
Beneficiary Bank: ICICI Bank Ltd, Mumbai (India)
ICICI BANK SWIFT CODE: ICICINBBCTS
Corresponding/Intermediary Bank Name: J P MORGAN CHASE BANK, NEW YORK
Corresponding Bank Swift Code: CHASUS33XXX
Purpose: Advertising, trade fair service

Receipt of payment will be provided by e-mail and hardcopy will be sent by post/courier.

Please confirm your payment on e-mail info@ibaas.info and contact us for further queries on payments.



Contact Information

IBAAS Office, India

Website: <http://www.ibaas.info/>

Office E-mail: info@ibaas.info;
info.ibaas@gmail.com

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President & Conference Convener

Cell No.: +91 9823015772

ashok.nandi@ibaas.info

You are requested to send all materials related to Conference "IBAAS-2026", to the e-mail addresses shown above. Your participation in the Conference will be highly appreciated.

Organizing Committee

IBAAS-2026

14th International Bauxite, Alumina, Aluminium Conference & Exhibition (IBAAS-2026)

September 9-11, 2026

MAYFAIR Hotels & Resorts Ltd., Jharsuguda (India)



REGISTRATION FORM

Title-(Prof/Dr/Mr/Mrs/Ms)	
Name of the Participant	
Position	
Name of the Organization/Institute / Company / Industry	

Address			
City		State	
Zip Code		Country	
Email			
Telephone		Mobile No.	

Require Visa Support Letter

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Paper Detail (For Authors only)

Paper Title	
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Payment Detail

Mode of Payment: Bank Transfer / Cheque / DD / Cash	
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Hotel Accommodation

Require Hotel	
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Accommodation Choice, if any:

Post Conference Plant Visit

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Date:

Signature: