

### 41 st Conference and Exhibition

### ${\it Draft\ Program\ at\ a\ Glance}$

	LOCAL TIME									
	Brisbane	Beijing Perth	India	Dubai	Moscow	Athens	Paris Berlin	London	Sao Paulo	Montreal New York
Introduction	13:30	11:30	9:00	7:30	6:30	5:30	4:30	3:30	0:30	22:30
	13:50	11:50	9:20	7:50	6:50	5:50	4:50	3:50	0:50	22:50
Start	14:00	12:00	9:30	8:00	7:00	6:00	5:00	4:00	1:00	23:00
End	16:00	14:00	11:30	10:00	9:00	8:00	7:00	6:00	3:00	1:00
Networking	16:00	14:00	11:30	10:00	9:00	8:00	7:00	6:00	3:00	1:00
Break	16:30	14:30	12:00	10:30	9:30	8:30	7:30	6:30	3:30	1:30
Start	16:30	14:30	12:00	10:30	9:30	8:30	7:30	6:30	3:30	1:30
End	18:30	16:30	14:00	12:30	11:30	10:30	9:30	8:30	5:30	3:30
Lunch Break	18:30	16:30	14:00	12:30	11:30	10:30	9:30	8:30	5:30	3:30
Lunch Break	19:30	17:30	15:00	13:30	12:30	11:30	10:30	9:30	6:30	4:30
Start	19:30	17:30	15:00	13:30	12:30	11:30	10:30	9:30	6:30	4:30
End	20:50	18:50	16:20	14:50	13:50	12:50	11:50	10:50	7:50	5:50
Break	20:50	18:50	16:20	14:50	13:50	12:50	11:50	10:50	7:50	5:50
Dreak	21:00	19:00	16:30	15:00	14:00	13:00	12:00	11:00	8:00	6:00
Start	21:00	19:00	16:30	15:00	14:00	13:00	12:00	11:00	8:00	6:00
End	23:00	21:00	18:30	17:00	16:00	15:00	14:00	13:00	10:00	8:00
Networking	23:00	21:00	18:30	17:00	16:00	15:00	14:00	13:00	10:00	8:00
Break	23:20	21:20	18:50	17:20	16:20	15:20	14:20	13:20	10:20	8:20
Start	23:20	21:20	18:50	17:20	16:20	15:20	14:20	13:20	10:20	8:20
End	0:20	22:20	19:50	18:20	17:20	16:20	15:20	14:20	11:20	9:20

Sunday 5th November	Day 1 Monday 6th November					y 2 h Novembe	r	w	Day 3 Wednesday 8th November			Day 4 Thursday 9th November	
	Stream 1	Stream 2	Stream 3	Stream 4	Stream 1	Stream 2	Stream 3	Stream 4	Stream 1	Stream 2	Stream 3	Stream 4	
	Conference introduction Host Sponsor Presentation				Delegate group photo								
	Technical session (6 papers)	Technical session (6 papers)	Technical session (6 papers)	Technical session (6 papers)	Technical session (6 papers)	Technical session (6 papers)	Technical session (6 papers)	Technical session (6 papers)	Technical session (6 papers)	Technical session (6 papers)	Technical session (6 papers)	Technical session (6 papers)	Outbond trip (two groups starting 6.3)
													am and 10.30 am)
	Technical session (6 papers)	Technical session (6 papers)	Technical session (6 papers)	Technical session (6 papers)	Technical session (6 papers)	Technical session (6 papers)	Technical session (6 papers)	Technical session (6 papers)	Alumir	na properties foi	anniversary: aluminium elec workshop	trolysis	
													Field trip to EGA Al Taweelah plants
IAI Bauxite and Alumina	Technical session (4 papers)	Technical session (4 papers)	Technical session (4 papers)	Technical session (4 papers)	Technical session (4 papers)	Technical session (4 papers)	Technical session (4 papers)	Technical session (4 papers)	Technical session (4 papers)	Technical session (4 papers)	Technical session (4 papers)	Technical session (4 papers)	Exact schedule TBD
Committee (by invitation only)													
Exact schedule TBD		•	session A ons and Q&A)			•	session A ons and Q&A)			•	session A ons and Q&A)		Return trip
													(exact time to be specified)
	Corporate Members Council Delegates meeting			Best papers Award Ceremony									
20:00 ICSOBA welcome cocktail	welcome 19:30 ICSOBA Gala Dinner			19:30 Social Event									

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	Session Chair:
20 minutes	Speaker presentation / no questions
40 minutes	Panel discussion and Q/A with speakers

### Technical session structure

Session Chair:							
15 minutes	Speaker presentation						
5 minutes	Q/A with speaker						



# 41 st Conference and Exhibition ICSOBA 2023 Draft Speaker Program - Day 1 (Monday 6 th November)

Dubai Time	#	Stream 1 Sustainability	Stream 2 Alumina	Stream 3 Stream 4  Electrolysis Electrodes, CastHouse	
8:00	1	ST01 Resilience to Climate Change – A Tool to Assess Climate Paul Marsh Impacts on Human Health of Aluminium Sector Workers and Communities	AA01 Complementary Advantages of Steel-Alumina Joint Zhenyong Luo Venture to Achieve Efficient and Low-Carbon Development	ALO1 Amperage Increase in EGA Al Taweelah DX Ishaq Moha- CB01 Effect of Mechanical Stress on Pitch Technology Potlines med Alkharusi Distribution during Anode Baking	Nafiseh Shadvar
8:20	2	STO2 Decarbonizing the Aluminum Industry – A Pathway to Errol Jaeger Sustainable Growth	AA02 Alumina Production from CaO-Al2O3-SiO2 Slag Mengyi Zhu Produced in SisAl Process	ALO2 Productivity Enhancement at Mahan Aluminium Sasikumar CBO2 Stub to Carbon Design Improvement through Amperage Increase Srinivasan	Dolfy Antonio Sinaga
8:40	3	STO3 Solar Energy for the Aluminum Industry's Transition Markus Balz into the Future	AA03 Filtration Of Digester Blow-Off - An Option For The Jürgen Hahn Refinery Design Of The Future	AL03 The Practice and Effectiveness of Aluminum Guijun Ge CB03 Upgrade to Narrower and Deeper Slo Reduction 4221-Process Technology in SPIC Nei Anodes: Improving Efficiency and Mongol Energy Co.Ltd Mechanical Behavior	ts in Vivek Kumar
9:00	4	ST04 Sustainability of the Indian Aluminium Industry Anupam Through Circular Economy Agnihotri	AA04 Enhancing Solid-Liquid Separation in Alumina Caio Melo Refineries – The Potential of Diastar Filters	ALO4 Application of SAMI Intensive-Current and Energy- Jinlong Hou CBO4 Towards Utilization of Bio-binders in Saving Technology in a 240kA Potline Carbon Anodes for Aluminum Indust	Asem Hussein y
9:20	5	ST05 Compendium of Climate Change Mitigation Practices at Binuta Patra Smelter Plant of NALCO	AA05 Some Laboratory Pitfalls in Redside Bayer Sebastien Forti Chemistry	AL05 Critical Pots Index Report in EGA Potlines Sajid Hussan CB05 Impact of Heating Rate on Biocoke ar Faisal Carbon Anode Quality	d Belkacem Amara
9:40	6	STO8 Aluminium from the Amazon: Opportunities and Simon Lobach threats	AA06 Study of Guinean Bauxite Processing Under Yuguo Chen Different Digestion Conditions	ALO6 Introducing Forced Convection Network in AP Hassan Almohri CBO6 Bio-pitch Improvement For Coal Tar R Potlines in Aluminium Bahrain (Alba) Replacement In Pre-baked Anodes	itch Marie Aimee Tuyizere Flora
10:00		Break	Break	Break Break	
10:30	1	ST07 Research and Development Perspectives in the Mining Wlademir Industry Penna	AA07 Analysis On The Break-Even Point Of Guinea Zhenyong Luo Bauxite Digestion On High And Low Temperature	AL17 An Anode Crisis – The Pitfalls of an Anode Length Matthias lan CH01 The Impact of Skim Dam Design on th Increase Dechent Molten Aluminium Temperature Uniformity at Sheet Ingot Mold Perip	
10:50	2	STO9 Change Detection: Using Artificial Intelligence in Jonilton Process Automation for the Detection of Land Use Paschoal Change by Vegetal Suppression	AA08 Initiatives to Increase Bauxite Grinding Mill Koushik Ghatai Throughput	AL18 Application of Nano-Ceramic Anti-Oxidation Hong Bo CH02 An Experimental and CFD Based Syne Coating on Anodes of Aluminum Reduction Pots Approach to Improve Productivity an Quality of Continuous Cast Aluminum	d Srinivasan
11:10	3	ST10 Solid Waste Masterplan: A new approach for the Andre das circular economy in Alunorte alumina refinery Neves Carvalho	AA09 Effect Of Pre-desilication Time And Temperature Sagar Pandit On Desilication Behavior Of Low Silica Guinea Bauxites	AL19 The Continuous Prebaked Anode Cell – a Pathway Jeffrey Thomas CH03 ExtruForm – a New Combined Rolling to Carbon Capture in Aluminium Production Keniry Extrusion Process for Wire Rod and Sections	- Martijn Vos
11:30	4	BX17 Tailing Dam Closure with Revegetation: the Use of Jonilton Green Manure for the Improvement of Technosoil Built Paschoal from Bauxite Tailings	AA10 Kinetic of silica dissolution from post Differential Caio Melo Extraction slurry	AL20 Numerical Modelling of Voltage Drop due to Vanderlei CH04 Initiatives to Minimize Dross Generat Anode Bubbles Gusberti Casthouse.	on in Sitaramu Pillala
11:50	5	ST11 The Bauxite Community Development Programme Kemoy (BCDP): A Blueprint For Community Engagement And Augustus Sustainable Mining Lindsay	AA11 Research on Digestion Performance of High Xiaotao Lu Carbonate Bauxite	AL21 Impact of Slots Inclination and Thickness on the Mostafa el CH05 Optimizing Casting process paramete Distribution of Gas Bubbles Generated below the Mehdi Brik using Design of experiments & Machi Anode learning	
12:10	6	BX18 Contributions from 10-year Biodiversity Research Jonilton Consortium to the sustainability of bauxite mine Paschoal operations	AA12 Investigating The Processability of Some of The Machell Henry Lowest Grade Bauxite Available in Jamaica and Its Impact on Bauxite Residue Settling and Chemical Additive Consumption	AL22 Alucell Latest Development: Modelling Impact of Nadia Chailly CH06 Autonomous Furnace Charging, Skim CO2 Bubbles and Anode Slot Configurations on Liquid Flow in Hall-Héroult Pot The Way To Maximize Safety for Operators and Reducing Waste and	
12:30		Break	Break	Break Break	
13:30	1	ST13 Achieving Zero Liquid Discharge through Sustainable Paul Gupta Water Management in Hindalco Industries Ltd - Renukoot: A Comprehensive Approach	AA13 Research On Characteristics Of Goethite Red Mud Chao Zhang And Synthesis Of A Novel Flocculant	AL13 Alumina Distribution and Transport System to Pots Raymond CH07 Real-Time Crucible Chemical Compos Retrofitted in EGA Jebel Ali Potlines 5 and 6 Johansen (LP-LIBS) Analysis Implementation at Casthouse	
13:50	2	ST12 Sustainable Robotized Floating System for Collecting Waleed Debris from Discharge Basin for Aluminum Industries Ahmed	AA14 Implementation of Leaf Filter Cake Recovery Fengjiang Zhou Process	AL14 Project Management of New Pot Feed and New Vivek Malang CH08 Developments in Billet Casting Ring Cranes Procurement at EGA Jebel Ali Potlines 5  and 6	Emma Cedillo
14:10	3	ST14 Action Plan for the Phase-out of Ozone Depleting Vaishali Substances at Hindalco Surawar	AA15 Dual Dosing of Powder & Hydroximate Flocculant Ameet Chaure Converted to Single Flocculant with Processing Low Grade Bauxite.	AL15 Smart Cranes at Emirates Global Aluminium Satheesh Mani CH09 Hydrogen-ready Oxyfuel Solutions fo Decreased Fuel Consumption and Increased Melt Rate: Technology and	Scheele
14:30	4	ST15 Production of Hydrogen Using Fine Waste Aluminium Upendra Dross: Secondary Source of Next Generation Fuel Singh	AA16 Development of Red Mud Rheology Modifiers Alpha Barry	AL16 Industrial Internet of Things Based Measurement Bibhudatta CH10 Dross: A solution to the conflicting gr Instrument in Potroom Mohanty maximum economic returns and min environmental footprint	
14:50		Break		<del>-</del>	
15:00	1	KN01 Sustainability at Emirates Global Aluminium	Sergey Akhmet	v	
15:20	2	KN02 The Decarbonization Journey of the Aluminium Industry – Opportunitie	s and Challenges to Achieve Net-Zero Martin Iffert		
15:40	3	KN03 Net-zero Emissions from Primary Aluminium Production - Is it technical	y and economically possible by 2050? Halvor Kvande		
16:00	4	KN04 The Business-climate Emergency Kit for the Aluminium Industry	Jerome Lucaes		



### 41 st Conference and Exhibition ICSOBA 2023

## Draft Speaker Program - Day 2 (Tuesday 7<sup>th</sup> November)

Dubai Time	#	Stream 1 Bauxite Residue	Stream 2 Bauxite, Alumina		Stream 3 Electrolysis	Stream 4 Electrodes, Electrolysis
8:00	1	BR04 Experimental Study on Mineral Phase Transformation - Jun wei Ma Low Intensity Magnetic Separation of High Iron Red Mud of Guinea Bauxite	AA17 Study the Effects on Decomposition Rate of Shua Sodium Aluminate Solution	i Shao AL07	STARprobe Implementation in Sohar Aluminium Swapnil Sahu Potline	CB07 Research on Premixed Stable Combustion Shanhong Zhou Process of Vertical Shaft Furnace
8:20	2	BR05 Iron Source from Bauxite Residues by Using Microwave Dimitris Spari Technology	s AA18 Successful Application and Installation of Bon I SWIRLFLOW® Mixing Technology in an Inverted Cone Precipitation Tank at the Hindalco Alumina	Nguyen AL08	Development of China's Aluminum Industry and Jian Zhang NFC/NEUI Aluminum Smelting Technology Development and Application	CB08 Practical Use of Online Chemical Analyzer Edouard Mofor for Spent Anodes Quality Control
8:40	3	BR07 Experimental Study on Hydrogen Reduction of Bauxite Dali Residue Pellets Using H2-H2O Mixtures Hariswijaya	AA19 Importance of Chemical Cleaning for Precipitation Marc Optimization	c Thomas AL09	Research and Discussion on High Quality Shaoyong Ruan Technology Upgrade Plans for Chinese Smelters under New Government Policies	CB09 Active Dust Aspiration During Packing Franck Fruleux Coke Filling
9:00	4	BR06 Ferrotitanium Production from BR: A Study of the Dimitris Spari Aluminothermic Process	S AA20 Extended Operation Experience of Superhex High Darw Corrosion Resistance Low Carbon Steel at Alumina Aguil Refineries		Industrial Application of Double-Port Energy Zhi li Liang Saving Technology and HORRS System for Aluminum Electrolytic Cells	CB10 Introduction of a Vertical Shaft Kiln Coke Ghanem Saud Alat Ma'aden Green Mill Osaimi
9:20	5	BR08 Sustainably Transforming Bauxite Residue into Critical Christopher Minerals Young	AA21 Real time Prediction of Evaporator Circuit Amer Performance Using ML Based Soft Sensors	et Chaure AL11	Relocation of a 400 kA Potline – Pot Upgrade and Zhuojun Xie Energy Saving Roadmap	CB11 Challenges in Operation of Rodding Arvind Verma Induction Furnaces in Ma'aden
9:40	6	BR09 Technology of Scandium Oxide Production from Alexander Bauxite Residue Suss	AA22 Optimization of Sodium Oxalate Removal Within Marc The Bayer Process	c Thomas AL12	Online Shunting of Pots in Hirakud Potline Sasikumar Srinivasan	CB12 Improvements in Baked Anode Quality Rawa Nabeel through Reducing Process Variations and Baraheem Debottlenecking Carbon Plant
10:00		Break	Break		Break	Break
10:30	1	BR10 Flowsheets That Can Turn BR Into Building Materials David And Save CO2 Konlechner	AA23 Corrosion Inhibitor Use in the Gland Seal Water Mirei System of a Greenfield Alumina Refinery Won	ille AL23 oredjo	Research and Application of Advanced Energy-Yungang Ban Saving Technology for Aluminum Reduction Cells	AL43 Modification of Aluminum Electrolytic Flue Shanyong Chen Gas Semi-Dry Desulfurization Technology to Reduce the Consumption of Hydrated Lime Reagent
10:50	2	BR11 Scaling up Soil Conditioner Production Using Bauxite Caio Melo Residue and Oil Palm Wastes		gkuntran AL24 nathan	Experience with Homogeneous Cu Collector Bars Eirik Hagen Directly Fitted into Cathode Blocks	AL44 A Deep Learning-Based Robot for Anode Mostafa Aboelnaga Cover Thickness (R-FACT) Measurement in Aluminum Reduction Cells
11:10	3	BR12 The use of Dealkalised Bauxite Residue in Cement Dimitrios Applications Panias	AA25 Decarbonizing Alumina Calcination by Fuel Edga Conversion	r Gasafi AL25	Collector Bar Copper Insert Design and Sheikha Improvements in EGA Technologies Almualla	AL45 Thermal Conductivity Measurement and Tao Yang Heat Loss Analysis of Anode Cover Material for Aluminium Reduction Cell
11:30	4	BR13 Application of Synthetic Aggregate from Bauxite Caio Melo Residue in Structural Elements	AA26 A Sustainable and Substitute Energy Resource Ali To Model with LPG Utilization in the Alumina Production Process	optas AL26	Modelling Study of Impact of Copper Insert Design Alexander on Aluminium Reduction Cell Heat Balance and Mukhanov Voltage	AL46 Simulation and Analysis of the Impact of Ao Hongmin Current Variations on Thermal Balance in Aluminium Electrolysis Cell
11:50	5	BR14 The Effects of Bauxite Residue on Mechanical and Roberto Architectural Properties of Portland Cement-Based Romano Compositions	AA27 Application of OT Cybersecurity in Alumina Giova Refining Djoti		Silicon Carbide Sidelining Materials in Reduction Andrey Yurkov Cells: Corrosion Resistance, Service Life and Testing	AL47 Modelling Study of Bath Agitation by Samuel Théberge Bubbles and its Effect on the Bath-Metal Interface Stability
12:10	6	BR15 The House of Bauxite Efthymios Balomenos	AA28 Digital Services for Alumina Refineries Andr	rey Panov AL28	Fully Automated XRD Analysis of Electrolytic Bath— Sheida An Advanced and Flexible Approach for Rapid and Makvandi Accurate Process Monitoring	AL48 Impact of Anode Change on MHD in Zhibin Zhao Aluminum Reduction Cell
12:30		Break	Break		Break	Break
13:30	1	BR01 Mineralogical and Compositional Description of Al Markus Taweelah Alumina Refinery's Bauxite Residue Graefe	BX01 Pilot tests with Tertiary Cyclone for Kaolinite Gera Removal from Amazonian Bauxite	ldo Duarte AL29	Plant-Floor Chemical Composition Analysis of Kristjan Leosson Liquid Aluminum	AL49 Impact of Metal Pad Heave on Shell André-Felipe Temperature of Aluminum Reduction Cells Schneider
13:50	2	BR02 Red to Green Projects in Alumina Refineries of Hindalco Vaishali Surawar	BX02 Kaolinite Reduction in Amazonian Bauxite by Geral Reverse Flotation	ldo Duarte AL30	The Role of New Sensors for Hall-Héroult Process Jayson Tessier Control, Optimization and Advanced Analytics	ALSO Impact of TE-MHD Coupling on Cell Louis Bugnion Performance
14:10	3	BR03 Bauxite Residue Management Governance in the Shanti Americas and the Future Global Focus on Critical Persaud Minerals	BX03 The Research Of Technology For Combined Jianq Desulfurization Of Refractory Ultra-high Sulfur Bauxite by Gravity Flotation	qiang Zhang AL31	Quick And Safe Replacement of an Existing Pot Thibaut Mattei Control System by ALPSYS	AL51 Cathode Design Effects on MHD Stability Marc Dupuis of Aluminium Reduction Cells
14:30	4	BX05 Phase quantification of Bauxite by Thermogravimetric Vinod Kumar analysis Verma	BX04 A Process for the Development of Calcined Bauxite Pravi from Ferruginous Bauxite	in Bhukte AL32	Maintaining Optimal Setpoint Voltage in Smelter Dimitrios Pots Using Digital Technologies and ML Algorithms Karavas	AL52 A New Mechanical Model of Marc Dupuis Magnetohydrodynamic Instabilities in Aluminium Electrolysis Cells
14:50		Break Break	<u> </u>	I		
15:00	1	KN05 Towards Carbon Neutral Primary Aluminium Smelting via Carbon Diox	de Capture (and Storage) Stenl	han Broek		
15:20	2	KN06 The Aluminium Industry's Progress on Sustainability	•	s Prosser		
15:40	3	KN07 Future of Indian Aluminium Sector : Challenges and Progress	Nitin	Kumar Tiwari		
16:00	4	KN08 Bauxite And Alumina Market Outlook - Upstream Investments Remain	Attractive Anth	ony Lewis Everiss		
16:20		Panel discussion and Q/A with speakers				



### 41 st Conference and Exhibition ICSOBA 2023

## Draft Speaker Program - Day 3 (Wednesday 8<sup>th</sup> November)

Dubai Tiara "		Stream 1	Stream 2		Stream 3	Stream 4			
Dubai Time	#	Bauxite	Alumina		Electrolysis	Electrodes, Electrolysis			
8:00	1	BX10 Development of Traffic Study Related to the Handling Maria Daniely of Semi-Trailer Trucks at Mine Paragominas	· · · · · · · · · · · · · · · · · · ·	Emilio Dal Pai AL34 Neto	Analysis and Solution of Problems in Early Alumina Hang Zhang Conveying System	CB13 Impact of Sulphur Content on the Khalil Khaji Electrical Resistivity of Carbon Anodes			
8:20	2	BX11 Dewatering Performance: Material quality analysis Bruno Mendes	AA31 Research on the Source and Recovery Methods of Si Gallium	Siming Lu AL35	Low Bulk Density vs High Bulk Density Aluminium Hanna Sjöberg Fluoride: A Comparative Study on Flowability and Practical Applications in Aluminium Smelting	CB14 Superior Sensitivity of Blaine Method Francesco Carlos Compared to Sieving Analysis of Ultrafines Baccalà			
8:40	3	BX12 Mechanism of Action of Filter Aids for Bauxite Bruno Fecchio Concentrate Filtration and Performance Validation at Laboratory and Industrial Scale	AA32 Extraction of Gallium from Jamaican Bayer Process Ta Operations	Tandose Sambo AL37	Retrofitted GTC Performs Better than New Geir Wedde	CB15 Improving Prebaked Anodes Electrical Rajesh Grag Resistivity in Aluminium Bahrain "Alba"			
9:00	4	BX13 Operational Management of the Hydro Paragominas Jessica Transmission Line Almeida	AA33 Synthesis of Amidoxime Chelating Resin and Its Qi Adsorption of Gallium in Bayer Spent Liquor	Qing Yu AL40	Study of Gibbsite Effect on HF Emission in Ravi Selvaraj Aluminum Reduction Cells	CB16 Electrical Resistivity and Baking Level Sasikumar Improvement through Anode Srinivasan Manufacturing Process Optimization			
9:20	5	BX14 Decarbonisation and Cost Reduction Obtained by Lincoln Replacing Transit Vehicles in Bauxite Mining Felisardo	AA34 Effect of Vanadium Impurity Ion on the Adsorption Xi of Gallium on Resin	Kiaoge Guan AL53	Modeling of the Distribution of Alumina Thomas Roger Aggregates in an Electrolysis Cell Based on a Multi- Slice Method	CB17 How the CPC Specification and Smelter Edouard Mofor Strategies Impact Performance and Anode Quality			
9:40	6	BX15 Carbon Emissions Reduction in the Refrigeration and Lincoln air Conditioning Process in Bauxite Mining Felisardo	AA29 LIBS – Emerging Technique of Real-Time Elemental Di Analysis for Process Control in Alumina M Production	Dailide AL36 Mindaugas	Visualization of Anode Effect in High Temperature Bingliang Gao Transparent Aluminum Electrolysis Cell	CB18 Anode Properties Improvements at Sohar Rashid Al Muqbali Aluminium			
10:00		Break	Break		Break	Break			
		KN13 Smelter Grade Alumina Properties - The Alumina Refinery Challenge KN14 Smelter Grade Alumina Properties - The Smelter Requirements		org Ruster Stephen Lindsay					
12:30		Break	Break		Break	Break			
13:30	1	BXO6 Lithological Layer Prediction (LLC) in Mineral Acácio Nunes Exploration at Paragominas Bauxite Province, Brazil de Pina Neto	AA35 New Products from RUSAL's Super-Fine Ar Precipitated Aluminum Hydroxide	Andrey Panov AL38	Experiences with the REEL Heat Exchangers and HF Mikkel Sørum Sniffers Installed at EGA Al Taweelah	AL33 Al-Based Autonomous Cell Control in RA- Yuriy Shtefanyuk 550 Cell Technology			
13:50	2	BX16 Environmental Licensing Operational Plan for Mining Jonilton Industries - A Case Study at Mineração Paragominas Paschoal	AA36 Morphological Studies on Spark Plug Grade Sa Alumina for the Improvement of the Electro - Mechanical Properties of the Material	Sagar Pandit AL39	Management of Fluoride Emissions during Rahul Kumar Amperage Increase in Potline. Pandey	AL54 Model Predictive Control of Maintaining Luning Ma the Superheat of an Aluminium Smelting Cell during Power Modulation			
14:10	3	BX19 Optimization of the Environmental Recovery Process - Lívian de An Alternative for Rehabilitating Failures in Recovered Paula Areas	AA37 Effect of Submicron Reactive Alumina on the Sa Rheological and Physico-Mechanical Properties of Microsilica Free Low Cement Refractory Castable	Sagar Pandit AL41	Artificial Neural Networks for Predicting and Joseph Ndjebayi Improving HF Generation and Recovery Efficiency	AL55 A Study on Predicting Electrolyte Choon-Jie Wong Temperature of Aluminium Smelting Cells for Power Modulation			
14:30	4	BX20 Rehabilitation in a Bauxite Tailing Dam System: A Pilot Diogo Project Chevalier	BX21 Increase In The Water Transfer Capacity Of A Dam Sa For Bauxite Processing	Sara De Oliveira AL42	Effect of SO2 Concentration and Humidity on the Removal of SO2 from Cell Effluent Gases Using Rajan Hydrated Lime				
	5	BXO8 lot Vibration Monitoring System Interfacing with PI Jessica System Almeida		Glayson Soares Habr					
14:50		Break							
15:00	1	KN09 Outlook For The Aluminium Market: The Shape of Things To Come		Jday Patel					
15:20	2	2 KN10 Digital Transformation : the EGA way Paul-Antoine Calandreau							
15:40	3	3 KN11 Navigating the Energy Crisis: Alunorte's Journey Towards Low Carbon Alumina and its Impact on the Global Aluminium Industry Sandy Sutherland							
16:20		Panel discussion and Q/A with speakers							