

Tuesday, April 24, 2018

| Main Hall | | | | |
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| Opening Ceremony | | | | |
| Dr. Seyedein, IIAC2018 Chairman | | | | |
| Dr. Zakeri, Chancellor of Iran university of Science and Technology (IUST) | | | | |
| Dr. Karbasian, Chairman of Iranian Mines and Mining Industries Development and Renovation Organization (IMIDRO) | | | | |
| NFC China Representative | | | | |
| Eng. Akbar Torkan, Shasta CEO | | | | |
| 10:00-10:30 Exhibition Opening | | | | |
| 10:30-11:00 Break | | | | |
| | Main Hall | Parseh Hall | Room 1 | Room 2 |
| | Raw Materials & Reduction Technology Session | Corrosion & Surface Treatment Session | Innovation & Development Session | Advanced Materials Session |
| 11:00-12:00 | Peter Polyakov | Jude Runge | <i>The Smart Furnace</i> , Surya Mikel Romero | <i>Characterization of the graphene reinforced aluminum matrix nanocomposites prepared by a novel method</i> , Roohollah Rahmanifard, Mohammad Khoshgadam |
| | <i>Bauxite and its Market</i> Bob Adam | <i>How to increase anodizing speed, how to provide better quality and how to reduce costs in conventional and hard anodizing</i> , Marcello Rossi | <i>A Systematic Approach to Potline Amperage Creep</i> , Olivier Charrette | <i>Synthesis of Al-Ti-B Master Alloy by SHS Method and Investigation of the Effect of Master Alloy Produced on Grain Size and Hardness of Aluminum Alloy</i> , Hadi Poorbagheri, Hossein Aghajani, Mohammad Roostaei |
| | | <i>The Effect of the Chromate Inhibitor on the Aluminium Alloy Superhydrophobic Surfaces</i> , Mohammad Reza Attar, Fateme Pour Eskandariyoon, Ali Davoodi, Ehsan Khajavian, Iman Taji | | <i>Buckling Analysis of Cracked Composite Aluminum Column Using Neural Network</i> Alireza Nezam Abadi, Milad Nasrollahi, Iman Kalantary |
| 12:00- 12:30 | Technology Session | | | |
| | By Outotec Company | | | |
| 12:30-14:00 Lunch Break | | | | |
| 14:00-15:30 | Panel Discussion | | | |
| | <i>Aluminium Industry Supply Chain; Challenges and Solutions</i> | | | |
| 15:30-16:00 Break | | | | |
| 16:00- 17:00 | | Advanced Materials Session | Innovation & Development Session | Powder Metallurgy & Recycling Session |
| | | <i>Sandwich materials for lightweight applications in automotive, aviation and biomedicine</i> Heinz Palkowski | <i>Fives Embedded Service Robot, one more step towards the single-man PTM</i> , Ilann Amram | <i>The effects of SiC particles size on the microstructural and mechanical properties of Al6063 matrix composites</i> , Amin Ahangari Asl, Hasan Tavakoli |
| | | <i>Investigating the effect of hot forming cold die quenching (HFQ) for equal channel angular pressing (ECAP) of AA2024 aluminum alloy</i> , Alireza Eivani, Ali Baghbani Barenji, Masood Hasheminasari, Hamid Reza Jafarian | <i>Al Rod Line for "Regional Markets" (2.5 / 4.0 tph capacity)</i> , Carmelo Maria Brocato | <i>Recovery of Metals from Red Mud Using Mineral Acids</i> , Zahra Karimi, Ali Allahverdi, Mostafa Mahinroosta |
| | | <i>Effect of aluminum contents on the microstructure and properties of AlxCoCrFeNi alloys</i> , Maryam Izadi, Mansour Soltanieh, Somayeh Alamolhoda | | <i>Spark Plasma Sintering of Produced Nano-crystalline Aluminum Powder by Mechanical Milling of Used Beverage Cans (UBCs)</i> , Mazyar Azadbeh, Narmin Malekpoor, Mahsa Navidirad |
| 17:00- 18:30 | Panel Discussion | | | |
| | <i>Iran Aluminium Market</i> | | | |

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| Wednesday, April 25, 2018 | 9:00-10:00 | Raw Materials & Reduction Technology Session | Metal Working Session | Innovation & Development Session | | |
| | | Responsible leadership in sustainable metals processing, Hannes Storch | Using Metallurgical Modelling in Process Optimization and Alloy Development in Extrusion of Al-Mg-Si Alloys, Abbas Bahrami, Ali Reza Eivani, Maryam Yazdan Mehr | Optimised electromagnetic stirring in melting/holding furnaces, Joakim Andersson | | |
| | | SAMI Company Representative | Fracture behavior investigation of Al/Cu/Mg multi-layered composite produced by ARB process, Davood Rahmatabadi, Moslem Tayyebi, Ahmad Sheikhi, Ramin Hashemi | MÖLLER™ conveying technology, Frauke Kock, Arash Haghi | | |
| | | | | An ultimate remelt casthouse - the garmco experience, Alain Périers, Benjamin Ulmann, Lee Allen | | |
| | 10:00 - 10:30 | Technology Session | | | | |
| | | by NFC Company A Brief Analysis of the Effect of Aluminium Reduction Pot Power Outage and the Treatment Measure Wu Xiaohua | | | | |
| | 10:30-11:00 Coffee Break | | | | | |
| | 11:00-12:30 | Panel Discussion | | | | |
| | | Aluminum in Automotive Industry | | | | |
| | 12:30-14:00 Lunch Break | | | | | |
| 14:00-15:30 | Panel Discussion | | | | | |
| | Technology and the Environment in Aluminum Industry | | | | | |
| 15:30-16:00 Coffee Break | | | | | | |
| 16:00-17:30 Closing Ceremony | | | | | | |