## April 24, 2024

09:00	Registration
	Opening Session Mod.: Andreas Pichler
10:00 - 10:20	Welcome and Introduction
	Robert Mark Taylor, TEMA AG
	A broad view of Electrification (pending)
	ZVEI
10:20 - 10:40	Electrical Steel (GO & NGO) Market Overview
10:40 - 11:10	Wolfgang Lipp, SMR GmbH Standardization for Electrical Steels
10:40 - 11:10	Standardization for Electrical Steels Sigrid Jacobs, ArcelorMittal
	Session I: Steel Grades Mod.: Andreas Pichler
11:10 - 11:35	Ultra-Thin Electrical Steel Strips
11.10 - 11.55	Christoph Dahlmann, C.D. Waelzholz GmbH & Co. KG
11:35 - 12:00	Exploring High-Performance Non-Oriented Electrical Steels for Increased
11.00 12.00	Electric Traction Motor Torque and Power Density
	Ahmed Abouelyazied, ArcelorMittal
	Lunch in the Exhibition Area
	Session II: Steel Grades cont.
13:00 - 13:25	Analysis of Hot and Cold Rolling Reduction on the Magnetic and
	Mechanical Properties of 3.3%Si Non-Grain Oriented Electrical Steels
	Sergio Vasconcellos and José Rogério de Oliveira Júnior, Aperam South
	America
13:25 – 13:50	Steel Material Development and Characterization for E-mobility Traction
	Drives
	Daniel Eggers, thyssenkrupp Steel Europe AG
13:50 – 14:05	Studies on Application Technology of Various Electrical Steels in High-
	Performance Traction Motors
	Ruilin Pei, Suzhou InnMag New Energy Ltd.
14:05 – 14:30	Enhancing Electrical Drive Efficiency through full consideration of
	Mechanical Sheet Material Properties in the Design Phase
	Barbara Hartl, Linz Center of Mechatronics GmbH
	Coffee/Tea-Break in the Exhibition Area
4455 45.00	Session III: Steel Grades cont. Mod.: Sigrid Jacobs
14:55 – 15:20	Fully developed (001) [100] or (110) [001] Goss Texture in Electrical
	Steels
15:20 – 15:45	Seonghyeon Yoo, Hyundai steel R&D Center Effect of Antimony Addition on the Microstructure, Texture and Magnetic
15.20 - 15.45	Properties of Non-Oriented 2.6% Si Electrical Steels
	Yogendra Reddy, JSW Steel Ltd.
15:45 – 16:10	The Potential of Microalloying to Simultaneously Improving the Magnetic
	and Mechanical Properties of NGO Electrical Steel
	Marc Bernard, Steel Institute, RWTH Aachen University
	Coffee/Tea-Break in the Exhibition Area
Session IV: Production of ES - Sheets Mod.:Norbert Brachthäuser	
16:35 – 17:00	Advanced Downstream Technologies to Produce New Generations of
	Thin-Gauge High-Permeability Electrical Steel
	Konrad Krimpelstätter, Primetals Technologies Japan
17:00 – 17:25	Cutting Edge Technology to Reach the Electromobility Market
	Stanislas Mauuary, CLECIM Networking Cocktail & Evening Event

## April 25, 2024

09:00 - 09:25       Characteristics of NGO Electrical Steel Strips Produced by Twin Roll Casting         Max Muller, Institut für Bildsame Formgebung RWTH Aachen         09:25 - 09:50       Advantages of Horizontal Single Belt Casting (HSBC) in the Casting of Electrical Steels         Dariel Gonzalez Morales, McGill University         09:50 - 10:15       Quality Assurance as a must to reach out the Efficiency Requirements in Green Energy         Christian Reidler, Dr. Schenk GmbH Industriemesstechnik         10:15 - 10:40       EMG SOLID® DFT - Inline and Online Measurement of Insulating Varnish on Electrical Steel         Mark Kreso, EMG Automation GmbH       Coffee/Tea-Break in the Exhibition Area         Consisting Technologies Mod: Norbert Brachthäuser         11:05 - 11:30       Development of a Universal Bonding Varnish for both Fast Cure and Standard Cure Applications         Franck Burtin         11:30 - 11:55       Pulsed Laser Beam Welding in Vacuum of Non-Grain Oriented Electrical Sheet         Thomas Krichel, Welding and Joining Institute, RWTH Aachen University         Networking Lunch in the Exhibition Area         Session VII: Modelling, Simulation and Testing Mod. Stefan Slebert         13:00 - 13:25         Manufacturing-Oriented Magnetic Analysis of Segmented Stator Teeth Dr. Hannes Weiss, Kaisermatt Technologie Lifa AG         Sergi Parareda, Eurecat, Centre Tecnologic de Catalunya <th colspan="2">Session V: Production of ES - Sheets Mod.: Norbert Brachthäuser</th>	Session V: Production of ES - Sheets Mod.: Norbert Brachthäuser		
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Hamed Bahmani, Durham University	15:30 - 15:55		
15:55 16:20 Effect of Increased Strain Pate by High Speed Blanking of Non Grain			
	15.55 16.20	Effect of Increased Strain Date by High Speed Planking of Nen Crain	
Oriented Silicon Steel	15.55 - 16.20		
Dr. Luke Jones, University of Sheffield			
16:20 Closing Remarks	16:20		
	10.20	UnivProf. Ulrich Krupp, Institute IEHK, RWTH Aachen	
Univ-Prot Ulrich Krupp Institute IEHK Rw IH Aachen			
UnivProt. Ulrich Krupp, Institute_IEHK_RW_IH_Aachen	End of Conference		