

As of January 18, 2023

Technical Session Day 1					
Tuesday May 9, 2023 -Kokin					
Time	Program	Subject	Presenter	Affiliation	
9:00	9:15	Opening/Introduction			
<b>Chairman of Morning Session</b>					
9:20	9:40	Session 1	Innovative enamel coatings with improved mechanical properties by graphene and stainless steel addition	Stefano Rossi	University of Trento
9:40	10:00	Session 2	Processes to ensure adherence and their kinetics at the interface between vitreous porcelain enamels and sheet steel	Hansjörg Bornhöft Joachim Deubener	Institute of Non-Metallic Materials Clausthal University of Technology
10:00	10:20	Session 3	Effect of CeO <sub>2</sub> on Enamel Coatings on the Surface of Corden Steel	Wang Qingwei	Donghua University
10:20	10:50	Coffee break			
10:50	11:10	Session 4	Limits for Metals – Trace Elements or Poison? Pt.3	Jorg Wendel	Wendel
11:10	11:30	Session 5	Very Low Lithium Electrostatic Powder Enamels for Major Appliances	Charles Baldwin	Vibrantz
11:30	11:50	Session 6	Effect on performance when additives are used for electrostatic enamel powder	Shinichi Kuwae	TOMATEC J
11:50	12:10	Session 7	Food Contact Approved Cast Iron Enamels	Ismail KESKIN	Keskin
12:10	13:10	Lunch			
<b>Chairman of Afternoon Session</b>					
13:10	13:30	Session 8	New horizon with direct-on light colours	Koen Lips	PEMCO
13:30	13:50	Session 9	Characterization of Interaction of Candidate Vitreous Enamel Surfaces with Municipal Water	Nurullah ÇÖPOĞLU	Akcoat
13:50	14:10	Session 10	Optimizing Size Reduction in Ball Mills	Jeff Hoffman	Paul O. Abbe
14:10	14:40	Coffee break			
14:40	15:00	Session 11	Release from objects covered with porcelain(vitreous) enamel	Silvia Siliprandi	CISP
15:20	15:40	Session 12	Benefits of experience when setting-up new enameling plants	Ronald Ditmer	Ditmer Enameling Technology B.V.
15:40	16:00	Session 13	Development of Hard Particles incorporated High Abrasion Resistant Enamel Coatings	Yasin Bozkurt YILMAZ	Akcoat
16:00	16:20	Session 14	Analytical instrumentation used for determination of release of chemical elements from porcelain enamels	Francesco Bitossi	Colorobbia Italia Spa
-End of the 1st day-					

As of January 18, 2023

<b>Technical Session Day 2</b>				
Tuesday May 10, 2023 -Kokin 1				
Time	Program	Subject	Presenter	Affiliation
<b>Chairman of Morning Session</b>				
9:00	9:20	Session 15	The influence of environmental humidity on electrostatic dry powder enamel spraying and its prevention	Pan Pengfei Qingdao Jobon
9:20	9:40	Session 16	The impact to glass frit by the revision of ISO 4531	Kenichi Tsunomori TOMATEC J
9:40	10:00	Session 17	Analysis and comparison of safety standards of food grade enamel products between China and foreign countries	Tang Weiwei Lucky Enamelware
10:00	10:20	Session 18	New development of ISO 4531 compliant Black electrostatic powder	He Yansong TOMATEC Xiamen
10:20	10:50	Coffee break		
10:50	11:10	Session 19	Chemical Corrosion and Migration Behaviour of Food Contact SiO <sub>2</sub> -B <sub>2</sub> O <sub>3</sub> -Na <sub>2</sub> O-ZrO <sub>2</sub> Based Glass-Ceramic Coatings	İremnur Ceylan Akcoat
11:10	11:30	Session 20	A Review of Research in Contemporary Art Enamel	Yuling Ouyang Sichuan Fine Art Institute
11:30	11:50	Session 21	Manufacturing of architectural decoration enamel panel	Xing Hanxue Kaier
11:50	12:10	Session 22	Glass Hydrolysis Modeling and Its application in High Durability Porcelain Enamel Design	Gu Yunxin Vibrantz
12:10	13:10	Lunch		
<b>Chairman of Afternoon Session</b>				
13:10	13:30	Session 23	About porcelain enamel design for kitchen parts	Toshiki Kawai Takara Standard
13:30	13:50	Session 24	Microstructure and properties of high strength cold rolled enamel steel before and after firing	Zhang Yi Ma'anshan Iron and Steel
13:50	14:10	Session 25	Sustainable pretreatment solutions for improved profitability and reduced CO <sub>2</sub> footprint	Brandon Lloyd Atotech
14:10	14:40	Coffee break		
14:40	15:00	Presentation by next Congress' host		
15:00	15:10	Closing		
-End of the 2nd day-				

As of January 18, 2023

<b>Technical Session Day 2</b>					
Tuesday May 10, 2023 -Kokin 2					
Time	Program	Subject	Presenter	Affiliation	
<b>Chairman of Morning Session</b>					
9:00	9:20	Session 26	The effect of orientation of the ferrite matrix on number of precipitates containing titanium in enameling steel sheet	Chun Xu	Shanghai Institute of Technology
9:20	9:40	Session 27	Roller kilns for burner caps and cast iron pots	Paolo Colombo	Trasmetal S.p.A.
9:40	10:00	Session 28	Effect of coiling temperature on microstructure and property of hot rolled steel for enameling on both sides	Zhang Zhimin	Shougang Group
10:00	10:20	Session 29	Porcelain Enamel: Programmed Immortality	Roberto Spaggiari	CISP
10:20	10:50	Coffee break			
10:50	11:10	Session 30	Benefits of substituting borax pentahydrate with anhydrous borax in enamel glaze production	Kee Lung	Rio Tinto
11:10	11:30	Session 31	Effect of Surface Treatment on Hydrogen Permeability Behavior of Enamel Steel	Ramazan Uzun	Eregli Iron and Steel Works. Co
11:30	11:50	Session 32	Research And Application Of Deformation Of The Enamel Tank Cap Of Air Energy Water Heater	Liu Yourong	Baosteel
11:50	12:10	Session 33	PEQC	Yahya Keskin	Keskin
12:10	13:10	Lunch			
<b>Chairman of Afternoon Session</b>					
13:10	13:30	Session 34	Effect of Ti and S Content on Microstructure and Properties of Hot-rolled Steels for Enamelling	Wang Shuangcheng	Baoshan Iron & Steel
13:30	13:50	Session 35	Development Of Colored Majolica Enamel Frit On Enamel Quality Cast Iron Materials	Ahmed Husrev Isbilir Orhan Şahin	Algotrio Kimya Sanayi ve Ticaret A.S. Sakarya
13:50	14:10	Session 36	Powder Enamel Coating Equipment	Eray Abluk	Strong3000
14:10	14:40	Coffee break			
14:40	15:00	Presentation by next Congress' host			
15:00	15:10	Closing			
-End of the 2nd day-					