

Technical session 1st day
Tuesday May 9, 2023 -Kokin

Time	Programme	Subject	Presenter	Affiliation
9:00 - 9:15	Opening / Introduction			
Chairman of Morning Session				
9:15 - 9:35	Session 1	Environmentally harmless enamel coatings and method of their color modeling	Olha Ryzhova	Ukrainian State University of Chemical Technology
9:35 - 9:55	Session 2	Current Status and Future Trends of Enamel in China	Song Yuping	China Enamel Industry Association
9:55 - 10:15	Session 3	Innovative enamel coatings with improved mechanical properties by graphene and stainless steel addition	Stefano Rossi	University of Trento
10:15 - 10:40 Coffee break				
10:40 - 11:00	Session 4	Surface and Form in Contemporary European Enamel Practice	Prof. Sandra Wilson	Duncan of Jordanstone College of Art & Design
11:00 - 11:20	Session 5	Processes to ensure adherence and their kinetics at the interface between vitreous porcelain enamels and sheet steel	Hansjörg Bornhöft Joachim Deubener	Clausthal University of Technology
11:20 - 11:40	Session 6	Effect of CeO ₂ on Enamel Coatings on the Surface of Corden Steel	Wang Qingwei	Donghua University
11:40 - 12:00	Session 7	Vitreous enamel coatings for the protection of oil pipes: achievements and challenges	Dr. Liudmyla Bragina Alexander Peresedov	Kharkiv Polytechnic Institute GIOTEK
12:00 - 13:00 Lunch				
Chairman of Afternoon Session				
13:00 - 13:20	Session 8	Limits for Metals – Trace Elements or Poison? Pt.3	Dr. Jörg Wendel	Wendel Email
13:20 - 13:40	Session 9	Research on water resistance ability of flow coating water heater enamels	Guo Yan	Ferro
13:40 - 14:00	Session 10	Effect on performance when additives are used for electrostatic enamel powder	Naoki Mizutani	TOMATEC
14:00 - 14:20	Session 11	Food Contact Approved Cast Iron Enamels	Ismail Keskin	Keskin Kimya
14:20 - 14:40	Session 12	New horizon with direct-on light colours	Koen Lips	Prince Belgium
14:40 - 15:00	Session 13	Research and solution of "red spots" defect on the surface of black enamel by black electrostatic dry process	Zhou Ke	Midea
15:00 - 15:30 Coffee break				
15:30 - 15:50	Session 14	Characterization of Interaction of Candidate Vitreous Enamel Surfaces with Municipal Water	Nurullah ÇÖPOĞLU	Gizemfrit
15:50 - 16:10	Session 15	Optimizing Size Reduction in Ball Mills	Jeffrey R. Hoffmann	Paul O. Abbe
16:10 - 16:30	Session 16	Release from objects covered with porcelain(vitreous) enamel	Silvia Siliprandi	CISP
16:30 - 16:50	Session 17	Benefits of experience when setting-up new enameling plants	Ronald Ditmer	Ditmer Enameling Technology
-End of the 1st day-				

Technical session 2nd day
Tuesday May 10, 2023 -Kokin 1

Time	Programme	Subject	Presenter	Affiliation
Chairman of Morning Session				
9:00 - 9:20	Session 18	Development of Hard Particles incorporated High Abrasion Resistant Enamel Coatings	Yasin Bozkurt Yilmaz	Gizemfrit
9:20 - 9:40	Session 19	Studies Application of antibacterial enamel in electric oven	Bai Jie	Guangzhou Haohan Tech & Trade
9:40 - 10:00	Session 20	Research Actuality and Development on Red Enamel Pigment	Liu Runyuan	Jiangxi Jinhuan Pigment
10:00 - 10:20	Session 21	Effect of Surface Treatment on Hydrogen Permeability Behavior of Enamel Steel	Ramazan Uzun	Eregli Iron and Steel Works. Co
10:20 - 10:50	Coffee break			
10:50 - 11:10	Session 22	Technology research on food grade enamel by electrostatic dry process of Midea ovens	Lan Yuangang	Midea
11:10 - 11:30	Session 23	Analytical instrumentation used for determination of release of chemical elements from porcelain enamels	Andrea Barzanti	Colorobbia Italia
11:30 - 11:50	Session 24	The influence of environmental humidity on electrostatic dry powder enamel spraying and its prevention	Pan Pengfei	Qingdao Jobon Science & Tech Development
11:50 - 12:10	Session 25	Protection of Cold Ends of an Air Preheater from Corrosion due to Acid Condensation with Enamel Coating on Steel Tubes and Plates	Parveen Kumar Sharma	Shinhan Apex
12:10 - 13:10	Lunch			
Chairman of Afternoon Session				
13:10 - 13:30	Session 26	Analysis and comparison of safety standards of food grade enamel products between China and foreign countries	Tang Weiwei	Lucky Enamelware Factory
13:30 - 13:50	Session 27	The impact to glass frit by the revision of ISO 4531	Kenichi Tsunomori	TOMATEC
13:50 - 14:10	Session 28	Atmosphere composition monitoring in enamelling furnace by using HELIOS MAGMA: Electrolux Italia experience.	Renzo Valentini	University of Pisa
14:10 - 14:30	Session 29	New development of ISO 4531 compliant Black electrostatic powder	He Yansong	TOMATEC Xiamen
14:30 - 15:00	Coffee break			
15:00 - 15:20	Session 30	A Review of Research in Contemporary Art Enamel	Ouyang Yuling	Sichuan Fine Art Institute
15:20 - 15:40	Session 31	Manufacturing of architectural decoration enamel panel	Xing Hanxue	Zhejiang Kaier New Materials
15:40 - 16:00	Session 32	Porcelain enamel: Programmed Immortality	CISP Representative	CISP
16:00 - 16:20	Presentation by next Congress' host			
16:20 - 16:40	Closing			
-End of the 2nd day-				

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Tuesday May 10, 2023 -Kokin 2

Time	Programme	Subject	Presenter	Affiliation
Chairman of Morning Session				
9:00 - 9:20	Session 33	Top floor design of intelligent manufacturing enamel factory	Zhu Haixiao	Dongguan Tims Automatic Equipment
9:20 - 9:40	Session 34	Powder Enamel Coating Equipment	Eray Abluk	STRONG3000
9:40 - 10:00	Session 35	Intelligent Powder Supply	Marco Ghirimoldi	Wagner
10:00 - 10:20	Session 36	Benefits of substituting borax pentahydrate with anhydrous borax in enamel glaze production	Long Wenji	Rio Tinto U.S. Borax
10:20 - 10:50	Coffee break			
10:50 - 11:10	Session 37	About porcelain enamel design for kitchen parts	Toshiki Kawai	Takara Standard
11:10 - 11:30	Session 38	Microstructure and properties of high strength cold rolled enamel steel before and after firing	Zhang Yi	Ma'anshan Iron and Steel
11:30 - 11:50	Session 39	The effect of orientation of the ferrite matrix on number of precipitates containing titanium in enameling steel sheet	Xu Chun	Shanghai Institute of Technology
11:50 - 12:10	Session 40	Effect of coiling temperature on microstructure and property of hot rolled steel for enameling on both sides	Zhang Zhimin	Shougang Group
12:10 - 13:10	Lunch			
Chairman of Afternoon Session				
13:10 - 13:30	Session 41	Effect of Ti and S Content on Microstructure and Properties of Hot-rolled Steels for Enamelling	Wang Shuangcheng	Baoshan Iron And Steel
13:30 - 13:50	Session 42	Research And Application Of Deformation Of The Enamel Tank Cap Of Air Energy Water Heater	Liu Yourong	Baosteel
13:50 - 14:10	Session 43	Roller kilns for burner caps and cast iron pots	Paolo Colombo	Trasmetal
14:10 - 14:30	Session 44	Sustainable pretreatment solutions for improved profitability and reduced CO2 footprint	Brandon Lloyd	Atotech USA
14:30 - 15:00	Coffee break			
15:00 - 15:20	Session 45	New generation enamel frits for a perfect metallic finish	Thomas Vanleenhove Jamie De Prêtre Dennis Flannigan	Prince
16:00 - 16:20	Presentation by next Congress' host			
16:20 - 16:40	Closing			
-End of the 2nd day-				