Ac of	January	10	2072
AS OI	January	10.	2023

18, 2023		Technical Session Day 1		
		Tuesday May 9, 2023 -Kokin	D	Afflichten
9:15			Presenter	Affiliation
Aorning S	ession			
9:40	Session 1	Innovative enamel coatings with improved mechanical properties by graphene and stainless steel addition	Stefano Rossi	University of Trento
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
10:20	Session 3	Effect of CeO2 on Enamel Coatings on the Surface of Corden Steel	Wang Qingwei	Donghua University
10:50		Coffee break		
11:10	Session 4	Limits for Metals – Trace Elements or Poison? Pt.3	Jorg Wendel	Wendel
11:30	Session 5	Very Low Lithium Electrostatic Powder Enamels for Major Appliances	Charles Baldwin	Vibrantz
11:50	Session 6	Effect on performance when additives are used for electrostatic enamel powder	Shinichi Kuwae	TOMATEC J
12:10	Session 7	Food Contact Approved Cast Iron Enamels	Ismail KESKIN	Keskin
13:10		Lunch		
fternoon	Session			
13:30	Session 8	New horizon with direct-on light colours	Koen Lips	PEMCO
13:50	Session 9	Characterization of Interaction of Candidate Vitreous Enamel Surfaces with Municipal Water	Nurullah ÇÖPOĞLU	Akcoat
14:10	Session 10	Optimizing Size Reduction in Ball Mills	Jeff Hoffman	Paul O. Abbe
14:40		Coffee break		
15:00	Session 11	Release from objects covered with porcelain(vitreous) enamel	Silvia Siliprandi	CISP
15:40	Session 12	Benefits of experience when setting-up new enameling plants	Ronald Ditmer	Ditmer Enameling Technology B.V.
16:00	Session 13	Development of Hard Particles incorporated High Abrasion Resistant Enamel Coatings	Yasin Bozkurt YILMAZ	Akcoat
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-		
	9:40 10:00 10:20 10:50 11:10 11:30 12:10 13:10 Afternoon 13:30 14:10 14:40 15:00 15:40 16:00	9:15 Opening/Into Aorning Session 9:40 Session 1 10:00 Session 2 10:20 Session 3 10:50 11:10 Session 4 11:30 Session 5 11:50 Session 6 12:10 Session 7 13:10 Afternoon Session 13:30 Session 8 13:50 Session 9 14:10 Session 10 14:40 15:00 Session 12 16:00 Session 13	Program Subject 9:15 Opening/Introduction Avorning Session 9:40 Session 1 Innovative enamed coatings with improved mechanical properties by graphene and stainless steel addition 10:00 Session 2 Processes to ensure adherence and their kinetics at the interface between vitreous porcelain enamels and sheet steel effect of CeO2 on Enamel Coatings on the Surface of Corden Steel 10:50 Coffee break 11:10 Session 4 Limits for Metals – Trace Elements or Poison? Pt.3 11:30 Session 5 Very Low Lithium Electrostatic Powder Enamels for Major Appliances 11:50 Session 6 Effect on performance when additives are used for electrostatic enamel powder 12:10 Session 7 Food Contact Approved Cast Iron Enamels 13:10 Lunch Afternoon Session 13:30 Session 8 New horizon with direct-on light colours 14:10 Session 10 Optimizing Size Reduction in Ball Mills 14:40 Coffee break 15:00 Session 11 Release from objects covered with porcelain(vitreous) enamel 15:40 Session 12 Benefits of experience when setting-up new enameling plants 16:00 Session 13 Development of Hard Particles incorporated High Abrasion Resistant Enamel Coatings 16:20 Session 14 Analytical instrumentation used for determination of release of chemical elements from porcelain enamels	Program Subject Presenter 9:15 Opening/Introduction 9:40 Session 1 Innovative enamel coatings with improved mechanical properties by graphene and stainless steel addition 10:00 Session 2 Processes to ensure adherence and their kinetics at the interface between vitreous porcelain enamels and sheet steel Joachim Deubener 10:20 Session 3 Effect of CeO2 on Enamel Coatings on the Surface of Corden Wang Qingwel 10:50 Coffee break 11:10 Session 4 Limits for Metals – Trace Elements or Poison? Pt.3 Jorg Wendel 11:30 Session 5 Very Low Lithium Electrostatic Powder Enamels for Major Charles Baldwin Appliances 11:50 Session 6 Effect on performance when additives are used for Shinichi Kuwae electrostatic enamel powder 12:10 Session 7 Food Contact Approved Cast Iron Enamels 13:10 Lunch Internoon Session 13:30 Session 8 New horizon with direct-on light colours Koen Lips 13:50 Session 9 Characterization of Interaction of Candidate Vitreous Enamel 13:40 Session 10 Optimizing Size Reduction in Ball Mills Jeff Hoffman 14:40 Coffee break 15:00 Session 11 Release from objects covered with porcelain(vitreous) enamel Silvia Siliprandi 15:00 Session 12 Benefits of experience when setting-up new enamelling plants Ronald Ditmer 16:00 Session 13 Development of Hard Particles incorporated High Abrasion Resistant Enamel Coatings Francesco Bitossi

January	

18, 2023		Technical Session Day 2		
		Tuesday May 10, 2023 -Kokin 1		
ne	Program	Subject	Presenter	Affiliation
Mornina S	ession			
9:20	Session 15	The influence of environmental humidity on electrostatic dry powder enamel spraying and its prevention	Pan Pengfei	Qingdao Jobon
9:40	Session 16	The impact to glass frit by the revision of ISO 4531	Kenichi Tsunomori	TOMATEC J
10:00	Session 17	Analysis and comparison of safety standards of food grade enamel products between China and foreign countries	Tang Weiwei	Lucky Enamelware
10:20	Session 18	New development of ISO 4531 compliant Black electrostatic powder	He Yansong	TOMATEC Xiamen
10:50		Coffee break		
11:10	Session 19	Chemical Corrosion and Migration Behaviour of Food Contact SiO2-B2O3-Na2O-ZrO2 Based Glass-Ceramic Coatings	İremnur Ceylan	Akcoat
11:30	Session 20	A Review of Research in Contemporary Art Enamel	Yuling Ouyang	Sichuan Fine Art Institute
11:50	Session 21	Manufacturing of architectural decoration enamel panel	Xing Hanxue	Kaier
12:10	Session 22	Glass Hydrolysis Modeling and Its application in High Durability Porcelain Enamel Design	Gu Yunxin	Vibrantz
13:10		Lunch		
Afternoon	Session			
13:30	Session 23	About porcelain enamel design for kitchen parts	Toshiki Kawai	Takara Standard
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
14:10	Session 25	Sustainable pretreatment solutions for improved profitability and reduced CO2 footprint	Brandon Lloyd	Atotech
14:40		Coffee break		
15:00	Presentation	by next Congress' host		
15:10	Closing			No.
		-End of the 2nd day-		
	9:20 9:40 10:00 10:20 10:50 11:10 11:30 11:50 12:10 13:10 Afternoon 13:30 14:10 14:40 15:00	Morning Session 9:20 Session 15 9:40 Session 16 10:00 Session 17 10:20 Session 18 10:50 Session 19 11:10 Session 20 11:50 Session 21 12:10 Session 22 13:10 Session 22 13:30 Session 23 13:50 Session 24 14:10 Session 25 14:40 Presentation	Technical Session Day 2 Tuesday May 10, 2023 -Kokin 1 me Program Subject Morning Session 9:20 Session 15 The influence of environmental humidity on electrostatic dry powder enamel spraying and its prevention 9:40 Session 16 The impact to glass frit by the revision of ISO 4531 10:00 Session 17 Analysis and comparison of safety standards of food grade enamel products between China and foreign countries 10:20 Session 18 New development of ISO 4531 compliant Black electrostatic powder 10:50 Coffee break 11:10 Session 19 Chemical Corrosion and Migration Behaviour of Food Contact SiO2-B2O3-Na2O-ZrO2 Based Glass-Ceramic Coatings 11:30 Session 20 A Review of Research in Contemporary Art Enamel 11:50 Session 21 Manufacturing of architectural decoration enamel panel 12:10 Session 22 Glass Hydrolysis Modeling and Its application in High Durability Porcelain Enamel Design 13:10 Lunch Afternoon Session 13:30 Session 23 About porcelain enamel design for kitchen parts 13:30 Session 25 Sustainable pretreatment solutions for improved profitability and reduced CO2 footprint 14:10 Session 25 Sustainable pretreatment solutions for improved profitability and reduced CO2 footprint 14:40 Coffee break 15:00 Presentation by next Congress' host	Technical Session Day 2 Tuesday May 10, 2023 - Kokin 1 Presenter Morning Session 9:20 Session 15 The influence of environmental humidity on electrostatic dry powder enamel spraying and its prevention 9:40 Session 16 The impact to glass frit by the revision of ISO 4531 Kenichi Tsunomori 10:00 Session 17 Analysis and comparison of safety standards of food grade enamel products between China and foreign countries 10:20 Session 18 New development of ISO 4531 compliant Black electrostatic powder 10:50 Coffee break 11:10 Session 19 Chemical Corrosion and Migration Behaviour of Food Contact SiO2-8203-Na2O-2rO2 Based Glass-Ceramic Coatings 11:30 Session 20 A Review of Research in Contemporary Art Enamel Yuling Ouyang 11:50 Session 21 Manufacturing of architectural decoration enamel panel Xing Hanxue 12:10 Session 22 Glass Hydrolysis Modeling and Its application in High Durability Porcelain Enamel Design 13:10 Lunch Afternoon Session 13:30 Session 23 About porcelain enamel design for kitchen parts Toshiki Kawal 13:50 Session 25 Sustainable pretreatment solutions for improved profitability and reduced CO2 footprint 14:40 Coffee break 15:00 Presentation by next Congress' host

Ac of	January	18	2023

18, 2023		Tachnical Session Day 2		
пе	Program	Subject	Presenter	Affiliation
Mornina S	ession			
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
9:40	Session 27	Roller kilns for burner caps and cast iron pots	Paolo Colombo	Trasmetal S.p.A.
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
10:20	Session 29	Porcelain Enamel: Programmed Immortality	Roberto Spaggiari	CISP
10:50		Coffee break		
11:10	Session 30	Benefits of substituting borax pentahydrate with anhydrous borax in enamel glaze production	Kee Lung	Rio Tinto
11:30	Session 31	Effect of Surface Treatment on Hydrogen Permeability Behavior of Enamel Steel	Ramazan Uzun	Eregli Iron and Steel Works. Co
11:50	Session 32	Research And Application Of Deformation Of The Enamel Tank Cap Of Air Energy Water Heater	Liu Yourong	Baosteel
12:10	Session 33	PEQC	Yahya Keskin	Keskin
13:10		Lunch		
Afternoon	Session			
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
13:50	Session 35	Development Of Colored Majolica Enamel Frit On Enamel Quality Cast Iron Materials	Ahmed Husrev Isbilir Orhan Şahin	Algotrio Kirnya Sanayi ve Ticaret A.S Sakarya
14:10	Session 36	Powder Enamel Coating Equipment	Eray Abluk	Strong3000
14:40		Coffee break		
15:00	Presentation	n by next Congress' host		
15:10	Closing			
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	9:20 9:40 10:00 10:20 10:50 11:10 11:30 12:10 13:10 Afternoon 13:30 13:50 14:10 14:40 15:00	Morning Session 9:20 Session 26 9:40 Session 27 10:00 Session 28 10:20 Session 29 10:50 Session 30 11:30 Session 31 11:50 Session 32 12:10 Session 33 13:10 Session 33 13:30 Session 34 13:50 Session 35 14:10 Session 36 14:40 Presentation	Technical Session Day 2 Tuesday May 10, 2023 -Kokin 2 The expectage of the program of the properties o	Technical Session Day 2 Tuesday May 10, 2023 - Kokin 2 Presenter Morning Session 9:20 Session 26 The effect of orientation of the ferrite matrix on number of precipitates containing bitanium in enameling steal sheet 9:40 Session 27 Roller kilns for burner caps and cast iron pots Paolo Colombo 10:00 Session 28 Effect of coiling temperature on microstructure and property of hot rolled steel for enameling on both sides 10:20 Session 29 Porcelain Enamel: Programmed Immortality Roberto Spagglari 10:50 Coffee break 11:10 Session 30 Benefits of substituting borax pentahydrate with anhydrous borax in enamel glaze production 11:30 Session 31 Effect of Surface Treatment on Hydrogen Permeability Remazzan Uzun 11:50 Session 32 Research and Application of Deformation of The Enamel Liu Yourong 12:10 Session 33 PEQC Yahya Keskin 13:10 Lunch Afternoon Session 13:30 Session 34 Effect of Ti and S Content on Microstructure and Properties of Hot-rolled Steels for Enamelling 13:50 Session 35 Development of Colored Majolica Enamel Frit On Enamel 13:50 Session 36 Powder Enamel Coating Equipment Eray Abluk 14:40 Coffee break 15:00 Presentation by next Congress' host