

Plastics for smart home appliances

6th Edition CPRJ Plastics in Home Appliance Conference & Showcase 2020 Programme - Tentative Topics

(As of Dec.7.2020)

Venue: Chateau Star River Guangzhou

10 December Morning Session 08:30-12:00

The Moderator: Guangdong Provincial Key Laboratory of Technique and Equipment for Macromolecular Advanced Manufacturing, South China University of Technology-Hanxiong Huang, Professor

08:00 Audience Reception

09:00 Welcome Remarks **Adsale Group Adsale Publishing Ltd.** –Janet Tong, General Manager
Guangdong Industrial Design Association –Hongshi Zhou, Executive Vice President
Guangdong Plastics Industry Association –Anfu, Chairman

09:20 China Market Monitor Co.,Ltd. – Xiandong Peng, General Manager of Large Electronics Group
Development trend of China's large electronics from 2020 to 2021

09:50 Guangdong East-Innovation Industrial Design Co.,Ltd. –Shifeng Liu, Chairman
Visibility of the value of product innovation

10:20 Coffee Break / Networking / Exhibition Visiting

10:50 Qindao Haier Industry Intelligence Research Institute–Wenzhen Han, Vice –President of Intelligent Manufacturing, Institute of Industrial Intelligence Manufacturing Director
Industrial internet platform helps home appliance enterprises transform

11:20 Chunmi Electronics Technology Co.,Ltd. – Diego Kuo, Co Founder/Vice President, Center for Innovative Design *Smart appliances bring convenience and value to users*

11:50 Group Photo

12:00 Networking Lunch

10 December Afternoon Parallel Modules 14:00-18:00

Parallel sub-forum: New trend: Innovative design and new trends in CMF

The Moderator: Guangdong Province Key Lab of Innovation&Applied Reserch on Industry Design - A/Prof. Lisa Duan, CMF Director

14:00 Konka Group Co.,Ltd. – Aman Liang, Design Trend leader/Senior Industrial Designer
Unveil the trend of high-end TV design

14:30 Wanhua Chemical Group Co.,Ltd. –Dr. Shaojie Wang, R&D Manager, Ningbo High Performance Material Research Institute *CMF trend and innovation home appliance material solutions in new consumption era*

14:50 Gree Electric Appliances,Inc. of Zhuhai – Tity Li ,CMF Director
Multi-Dimensional thinking of household appliance CMF

15:20 Covestro (Shanghai) Investment Co.,Ltd. – Emily Shi, BD Manager, Global Color & Design (CMF)
Covestro's trend interpretations of 2021-2022 electronics & household appliances design

15:40 Coffee Break / Networking / Exhibition Visiting

16:10 Bear Electric Appliance Co.,Ltd. – Sanly Li ,Senior Research Engineer
Structural design features of plastic shell for small electric appliances

16:40 Microban International Trading (Shenzhen) Co., Ltd. – Jun Xu, China Business Development Manager
Redefining clean for home appliances with built-in antimicrobial technology

17:00 Shenzhen Chuangwei-RGB Electronics Co.,Ltd. – Fangfang Huang, Chief Material Expert of R&D Center / Module Research Institute *Applications and trends of spray-free metal-like materials for televisions*

17:30 Brainstorm: What are the new trends in current home appliance design? What are the pain points? What degree of design freedom does plastic bring? How to efficiently implement new design schemes?

Parallel sub-forum: New technology: Functional materials and precision / smart manufacturing

The Moderator:Guangdong Industry Polytechnic School of Chemical Technology Associate Dean.-Jinwei Chen,Associate Professor

14:00 Guangzhou Echom Sci.&Tech.Co.,Ltd. – Dr. Chunming Wu ,General Manager of Kaijin Intelligence
Exploration and Practice of Smart Manufacturing in the Molding Industry

14:30 Dongguan JEA Polymer Technology Co.,Ltd. – Andy Chen ,Director of JEA Technology Marketing Center
New trends in the development of elastomer materials under the epidemic

14:50 JSW Plastics Machinery (Shenzhen) Co.,Ltd. – Jinmei Hua ,Sales
JSW New smart injection molding machine use for home appliances

15:10 Coffee Break / Networking / Exhibition Visiting

15:40 Guangdong Xinbao Electrical Appliances Holdings Co.,Ltd. – Jianxin Liu, Injection Molding Specialist
Technology creates profits – Discussion on improving efficiency with standardization of injection molding process

16:10 Suzhou Napo Advanced Material Technology Co.,Ltd.– Yang Xu,Vice President of Sales
PPS material solution for functionalized / light-weight devices of home appliance parts

16:30 Midea Group - Wangchun Fei, Washing & Elimination Technology Line of Midea Group's KHWD, Member of the Group's Reliability Materials Expert Group and the Material Technology sub-committee of the Business Division
Health effects and needs of household electric dishwashers

17:00 Brainstorm: What are the innovative applications of plastics in home appliances? What are the requirement changes of lean production and intelligent manufacturing for enterprises under pandemic? What are the pain points and how to solve them?

Parallel sub-forum: New future: Technological innovation and sustainable development

The Moderator: Shenzhen New Material Solutions Co.,Ltd.– Baoguo Li,Deputy General Manager

14:00 State Key Testing Laboratory of Food Contact Materials (Guangdong) –Guangdong Inspection and Quarantine Technology Center Consumer Testing Laboratory –Marco Zhong,Director
Safety Assessment of Antibacteria Functional Food Contact Materials

14:30 Covestro (Shanghai) Investment Co.,Ltd. –Joanne Zhu,Senior Marketing Manager, Global EEA Segment
Next generation design for appliances with circular design principles

14:50 Shanghai-FANUC Robomachine Co.,Ltd. –Joe Zhang, Sales Manager of Injection Molding Machine
Roboshot's application in intelligent home appliance industry

15:10 Coffee Break / Networking / Exhibition Visiting

15:40 Zhuhai Gree Green Renewable Resources Co.,Ltd. – Congwu Zhang,Marketing Director & New Materials CTO
Applications and trends of flame retardant materials in home appliances

16:10 SABIC –Joe Wang, Scientist of Market Development and Technical Supports Petrochemicals
SABIC's TRUCIRCLE™ sustainable solutions: chemical recycling and bio-based renewable material for home appliance industry

16:30 Panasonic China & Northeast Asia Company Engineering Division – Chao Huang , Head of Material Health Technology Development Department, Basic Technology Development Department
Applications and developments of nanoe air purification technology

17:00 Brainstorm: How can home appliance provide effective health and safety protection barrier with materials under pandemic? What is the current status of recycling and reuse of home appliance in China? How to improve?

Concurrent Events

10 December VIP Gala Dinner 19:00-20:30

11 December Technical Exchange Meeting

Date	Time	Company Name	Event Content
December 11	9:00-10:00	Panasonic Electric Appliances (Hangzhou)	a.Application Development of Functional Materials b.Introduction of rationalized cases
	10:00-11:00	Gree Electric Appliances,Inc. of Zhuhai	1.Injection Molding Processing: a.Advanced Materials & New Appearance Processing b.Wearing of injection molding machine, metering equipment c.Liquid conveying equipment d.High efficiency automatic screen printing equipment for small parts (300 * 250) e.UV transfer heat bending processing 2.Industrial Design Centre: LithoGraphy – Lithography on curved surfaces