

17 September Morning Session 08:30-12:00

- **Audience Reception**
- **Welcome remarks from organizers**
- **5G market brings unlimited business opportunities for plastics**
- **High-performance plastics provide support for smart terminals and 5G base stations / routers**
- **Precision and smart manufacturing boost the launches of new 5G products**
- **Coffee Break / Networking / Exhibition Visiting**
- **How can end-user brands rebuild their design strategies in the era of connectivity?**
- **Consumer electronics recycling and sustainable development**
- **Group Photo**
- **Networking Lunch**

17 September Afternoon Parallel Modules 13:30-18:00

Parallel sub-forum: Plastics for 5G: Functional new materials and precision / smart manufacturing

Involving end-user products: mobile phones, tablets, computers /notebooks, base stations, routers

1. Applications of PC / PMMA sheets for plastic back plates of mobile phones
2. High-performance plastics for base stations: LNP antenna cover / dielectric materials, plastic antenna vibrator solutions (PPO / PPA alloy / LCP / PPS), plastic alternatives for metal RF cavity filters, high-frequency material LCP / MPI antenna materials
3. Plastics parts such as 5G router bodies, internal brackets, non-slip rubber pads, plastic interfaces LSR/LIM and two-color molding improve the production efficiency of 3C products
4. Applications of low dielectric, high thermal conductivity and high electromagnetic shielding plastics for 5G terminals
5. Applications of waterproof materials for mobile phones, such as silicones, breathable films and barrier films
6. LSR / LIM and double-color molding increase the production efficiency of 3C products
7. The Multi-camera trend creates new opportunities for advanced materials
8. New breakthroughs in the applications of halogen-free flame retardant materials
9. The impacts of thin and lightweight design trends of laptops and tablets on materials and processing
10. LDS, nano-injection molding, metal / ceramic powder injection molding, liquid metal injection molding
11. New molds, hot runners and smart manufacturing meet the production needs of smart electronic products

Parallel sub-forum: Shaping the future: 5G application scenarios and technology hotspots

Involving end products and sectors: wearable / portable consumer electronics, medical electronics, recycling

1. Consumer electronics design trends and CMF innovation technology hotspots
2. Applications of 3D printing in the design and production of electronic appliances
3. Innovative applications of soft materials / breathable films for wearable electronics
4. The requirements for innovative materials and processing technologies from portable speakers
5. Innovative molds and processing technologies to meet the new design needs of electronic products
6. Applications of recycled plastics / bioplastics for electronic products
7. Evaluation of products with eco-design
8. The management and implementation of Extended Producer Responsibility (EPR) System for electrical and electronic products
9. "Green" supply chain management
10. Reuse and recycling technologies
11. Waste Electrical and Electronic Equipment (WEEE) recycling management regulations and resource utilization technologies

The afternoon session on September 17 includes roundtable discussions, other interactive exchanges and tea breaks.

17 September VIP Gala Dinner 19:00-20:30

18 September Visit factory