

The Conference Program

2018.10.21 Registration

19:30-21:30 The Council Meeting of the Degradable Plastics Committee of CPPIA(DPC)

2018. 10. 22

8:30-9:00 Opening Ceremony

Director of Degradable Plastics Committee of CPPIA(DPC)

National Development and Reform Commission(NDRC)

National Ministry of Industry and Information

Ministry of Agriculture and Rural Affairs

China Institute of Engineering Chemical Metallurgy and Materials Engineering

Standardization Administration of the People's Republic of China

State Post Bureau of the People's Republic of China

Grain Bureau of the People's Republic of China

China National Light Industry Council

Chairman of China Plastics Processing Industry Association(CPPIA)

9:00-10:30 Section I: China Academy of Engineering Key Consulting Project Results Report

9:00-9:30 New Progress in Biomanufacturing, PingKai OuYang(Academician), Nanjing Tech University.

9:30-10:00 The Current Situation and Development Trend of Use and Disposal of Disposable Plastic Products, YuZhong Wang(Academician), Nation Engineering Laboratory of Eco-Friendly Polymeric Materials(Sichuan), College of Chemistry, Sichuan University.

10:00-10:30 The Present Situation and Control Measures of Residual Agricultural Membrane Pollution in China, XueGeng Chen(Academician), Shihezi University/Xinjiang Academy of Agricultural Reclamation.

10:30-10:50 Coffee Break

10:50-12:20 Section II: Conference Report

10:50-11:20 Key Technology and Industrialization of New Synthesis of Lactide, QuanXing Zhang(Academician), Nanjing University.

Controlled Synthesis of PLA-series Environment-friendly Polymers with Guanidine Catalysts, Hong Li(Professor), "National Engineering Research Center for Organic

Pollution Control and Resource Reuse” of Nanjing University.

11:20-11:50 High Performance Bio-based Polymers: Several Cases Which are Competitive with Petroleum-based Counterpart, XiGao Jian (Academician), Dalian University of Technology.

11:50-12:20 Bio-based and Bio-degradable Plastics Promote the Development of Green Industry, Ramani Narayan(Professor), Michigan State University.

12:20-13:30 Lunch

13:30-15:30 Section III: Industry Development

13:30-13:50 Update on Compostable Products and Packaging in North America, Rhodes Yepsen(Executive Director), American Biodegradable Products Institute.

13:50-14:10 Certified Compostable Biopolymers, Food Waste and Agriculture, Rowan Williams(Secretary General), Australian Bioplastics Association.

14:10-14:30 Prospect of Bioplastics Industry in Korea, In-Joo Chin(Secretary General), Korea Bioplastics Association.

14:30-14:50 20+ Years of “Seedling” Certification-Standards and Politics in Europe, Oliver Ehlert(Product Manager), DIN-CERTCO.

14:50-15:10 Development and Application of Bio-fiber in China, ZengJun Li (Secretary General), China Chemical Fibers Association..

15:10-15:30 The Status of Biobased Materials and Their Biodegradation Behavior. YunXuan Weng(Secretary General), Degradable Plastics Committee of CPPIA(DPC).

15:30-15:40 Coffee Break

15:40-18:00 Section IV: Research Trends

15:40-16:00 Polylactic Acid Synthesis and Key Technologies for Industrialization, XueSi Chen(Professor), Changchun Institute of Applied Chemistry Chinese Academy of Sciences.

16:00-16:20 Aluminum Porphyrin Catalyst for CO₂ Based Plastics, XianHong Wang(Professor), Changchun Institute of Applied Chemistry.

16:20-16:40 Structure and Properties of Biodegradable Polymer Based Multicomponent Materials, ZhaoBin Qiu(Professor), Beijing University of Chemical Technology.

16:40-17:00 Development of Starch-based Materials, Long Yu(Professor), South China University and Technology.

17:00-17:20 Overview the Global Development of Certified Compostable Mulch Film in Applications, Policies and Standardizations, Dr. Jens Hamprecht, BASF(China)Co., Ltd.

17:20-17:40 Tailoring the Property Profile of Ingeo™ for High Performance Applications Through use of Proper Formulations, Process Conditions and Equipment. Jim Nangeroni(Applications Development Director), NatureWorks LLC.

17:40-18:00 Polylactic Acid Fiber Processing, Application and Market Prospects, Jie Ren(Professor), Tongji University.

2018.10.22 18:30 Dinner

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8:00-12:20 Section V: Sustainable Development of Disposable Plastic Products

8:00-8:20 Preparation and Application of Novel Microgels for Microporous Pore-Modified Cellulose Hydrogel, Min Zhang(Professor), Shanxi University of Science & Technology.

8:20-8:40 Plastic Mulch Film Residual Pollution and Bio-film in China, ChangRong Yan(Professor), Chinese Academy of Agricultural Sciences.

8:40-9:00 Biobased Polyester Poly(ethylene 2,5-furandicarboxylate) (PEF): From Synthesis and Modification, LinBo Wu(Professor), Zhejiang University.

9:00-9:20 Preliminary Report on Application of Biodegradable Membrane in Xinjiang Crops, Lin Wang(Researcher), Xinjiang Bingtuan Agricultural Technology Station.

9:20-9:40 Application of Biodegradable Mulch Film and Mechanism of Yieldincreasein Potatoes, MingZhou Chen(Professor of Engineering), Guangdong Bioengineering Institute.

9:40-10:00 Effect of Biodegradable Aliphatic Polyester on Plant Growth and Metabolism, ChengTao Li(Professor), Shaanxi University of Science & Technology.

10:00-10:20 Coffee Break

10:20-10:35 Green Project 2.0, Tianjiao Li(Manager), Rookie Network Technology Co., Ltd.

10:35-10:50 Biodegradable Polymer and It's New Applications, Janice Li(Chairman), Jinhui Zhaolong High Technology Co., Ltd.

10:50-11:05 Jingdong Logistics' Green Sustainable Development Road, YanJian Duan(Manager), Jingdong Logistics Group.

11:05-11:20 A Security Directory of Safe and Environmentally Friendly Takeout Package for Online Restaurants from the Online Catering Platform of ELE BAIDU, Hong Miao(Senior Food Safety Expert), Rajax network technology (Shanghai) Co. Ltd.

11:20-11:35 Research Development of Biodegradable Mulching Films and Applications in Agricultural Production, QingWen Dai(General Manager), Hangzhou Xinfu

Technology Co., Ltd.

11:35-11:50 Research and Progress of Ultra-thin Biodegradable Mulch Film, YanLong Liu(R&D Director), Shanghai Hongrui Biotech. Co.,Ltd.

11:50-12:05 Effect of Sterilizations on the Properties of Commercial PLA, PBAT, and Their Blends, YaMing Wang(Professor), Zhengzhou University.

12:05-12:20 Sandy Desertification Combating Technology of Biodegradable Polylactic Acid Sandbag Sand Barrier, Yi Yu(Researcher), Beijing Leeward Science and Technology Co., LTD.

12:20-13:30 Lunch

13:30-18:15 Section VI: Bio-based Polymer, Biomass Thermoplastic Processing

13:30-13:50 Total Corbion PLA : An Innovative Joint Venture Making PLA Innovations a Reality, C.A.P. (Kees) Joziassse(Sr. R&D Director), Total Corbion PLA.

13:50-14:10 The Development Opportunity of PLA under New Round of Plastic Ban Wave Triggered by Garbage Ban, ZhiMing Chen(General Manager), Zhejiang Haizheng Biomaterials Co., Ltd.

14:10-14:30 Modification and Functionalization of PLA by Interfacial Stereocomplexation, PiMing Ma(Professor), Jiangnan University.

14:30-14:50 Application and Recycling of Bio-plastics in 3D Printing, YiHu Yang(Chairman), Shenzhen Esun Industrial Co.,Ltd.

14:50-15:10 Uhde Inventa Fischer's Technologies to Produce PLA and other Biopolymers, Udo Mühlbauer (Product Manager) , Uhde Inventa-Fischer GmbH.

15:10-15:20 Coffee Break

15:20-15:35 Boosting the Performance of Polylactic Acid with Functionalized Calcium Carbonate, Karsten Schulz(Manager), The Omya Group.

15:35-15:50 Industrialization of Modified Polylactic Acid Products, XinJian Ye(Chairman), COFCO Corporation Limited.

15:50-16:05 Processing and Application of PLA, Guo Shi(Chairman), Pack & Proper Co., Ltd.

16:05-16:20 High Performance CPLA Compounds for Injection Molding and Thermoforming Applications, GuoQiang Zhai(Technical Director), Jiangxi Heersi Eco-Technologies Co.,Ltd.

16:20-16:35 Market Application of the BOPLA Film, CunGuo Wang(General Manager), Shandong Shenghe Plastic Development Co., Ltd.

16:35-16:50 The Industrialization and Market Application of Continuous Polymerization-melt Direct Spinning PLA Fiber, LeJun Wang(Chairman), Ecospire CHTC Co., Ltd.

16:50-18:30 Section VII: Bio-based New Materials

16:50-17:10 Innovation and Commercialization of Bio-based Materials, Howard Chou(Vice President of Research and Development), Cathay Industrial Biotech.

17:10-17:30 I'm Green™ Renewable based PE, Fernando Almada(Technical Sales Manager), Braskem S.A.

17:30-17:50 Application of Bioregenerated Cellulose Fiber and Sustainable Development of the Industry, YaJuan Xiang(Project Manager), SATERI & SUSTAINABILITY.

17:50-18:10 Research Development of Natural Short Fiber Reinforced Bio. Composites and its Products, YanBin Chi(Senior Engineer), Xi'an University of Architecture and Technology.

18:10-18:30 Development and Application of Seawater Degradable Materials, Gexia Wang(Senior Engineer), Technical Institute of Physics and Chemistry CAS.

2018. 10. 23 19:00-20:30 BPI、DIN CERTCO、NTSQP、BMG Green Certification Training and Consultation