1st Asia-Pacific ICC Grains Conference

Science and Innovations in Grains: From Asia-Pacific to the World

ICC and CCOA would like to thank all the endorsers, sponsors, exhibitors, organizations and participants for their generous contributions to this conference

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Theme

Science and Innovations in Grains: From Asia-Pacific to the World

Co-organizers

International Association for Cereal Science and Technology (ICC)

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Zhang Guifeng, CCOA President, China

Fengcheng Wang, Chair of ICC Governing Committee, China

1st APGC Scientific Committee

Director

Jo d Ab écassis, Scientist, INRA, France

Wang Ruiyuan, Senior Scientist, CCOA; President of CCOA Sub-association of fats&oils, China

Vice Director

Yue Guojun, Academician, Chinese Academy of Engineering; Chief Scientist, State Development & Investment CORP, China

Members

An Hongzhou, Professor, Henan University of Technology, China

Bian Ke, Professor, Henan University of Technology; President, CCOA Sub-association of noodle products, China

Bin Xiao Fu, Senior Scientist, Canadian Grain Commission, Canada

Charles Brennan, Professor, Lincoln University, New Zealand

Carlos Guzman, Head of Wheat Chemistry and Quality Laboratory, CIMMYT, Mexico

Dave Hatcher, Canadian Grain Commission, Canada

Flovd Dowell, Senior Engineer, USDA-ARS-CGAHR-SPIERU, USA

Fengcheng Wang, Chair of ICC Governing Committee; Professor, Henan University of Technology, China

Gary Hou, Technical Director, Wheat Marketing Center, USA

Gi Hyung Ryu, Professor, Kongju National University, Korea

Gu Zhengbiao, Professor, Jiangnan University; President, CCOA Sub-association of corn refining, China

Hamit Köksel, President, ICC; Professor, Hacettepe University, Turkey

He Dongping, Professor, Wuhan Polytechnic University, China

Huang Weining, Professor, Jiangnan University, China

Jan-Willem Van der Kamp, TNO-HGF, Netherlands

Kazunori Takamine, Professor, Kagoshima University, Japan

Larisa Cato, Senior Scientist, Australian Export Grains Innovation Centre, Australia

Liu Guangming, Professor, Jimei University, China

Michaela Pichler, Secretary General, ICC, Austria

Mu Taihua, Research Scientist, Chinese Academy of Agricultural Sciences (CAAS), China

Nese Sreenivasulu, Senior Scientist, IRRI, Philippines

Perry K.W.Ng, Professor, Michigan State University-AACCI, USA

Pierre Villeneuve, CIRAD, France

Robert Cracknell, President, AACCI, Australia

Roland Poms, Secretary General, MoniQA Association, Austria

Wang Qiang, Research Scientist, Chinese Academy of Agricultural Sciences (CAAS), China

Wang Xingguo, Professor, Jiangan University, China

Wei Yimin, Deputy Director, NCCFN; Research Scientist, CAAS, China

Xu Xuebing, Professor, Wilmar Global R&D Center, Denmark

Yang Xiaoquan, Professor, South China University of Technology, China

Yao Huiyuan, Professor, Jiangnan University; President, CCOA Sub-association of foods, China

Yu Yanxia, Deputy Secretary General, CCOA; Secretary General, CCOA Sub-association of rice products, China

Zhang Jianhua, Research Scientist, Nutrition and Health Research Institute, COFCO Corporation, China

Qiang (Chong) Zhang, PhD, PEng Professor, University of Manitoba, Canada

Zhao Siming, Huazhong Agricultural University, China

1st APGC Organizing Committee

Michaela Pichler, Secretary General, ICC, Austria

Yu Yanxia, Deputy Secretary General, CCOA; Secretary General, CCOA Sub-association of rice products, China

Hamit Köksel, ICC, President; Professor, Hacettepe University, Turkey

Fengcheng Wang, Chair of ICC Govering Committee; Professor, Henan University of Technology, China

Hu Chengmiao, Deputy Executive President, CCOA; Professor, China

Bian Ke, Professor, Henan University of Technology; President, CCOA Sub-association of noodle products, China

Cao Minjie, Vice Presidant, Jimei University, China

Gu Zhengbiao, Professor, Jiangnan University; President, CCOA Sub-association of corn refining, China

Guo Daolin, Director, Sinograin Chengdu Grain Storage Research Institute; Vice President, CCOA Sub-association of grain storage, China

Hao Xiaoming, President, Nutrition and Health Research Institute, COFCO Corporation; Vice President, CCOA Sub-association of grain and oil nutrition, China

Marcella Gross-Varga, Communication and Event Management, ICC, Austria

Stefan Wagener, Canadian Grain Commission, Canada

Gordon Bacon, CEO, Pulse Canada, Canada

Yao Huiyuan, Professor, Jiangnan University; President, CCOA Sub-association of food, China

Yu Junbo, Secretary General, CCOA Sub-association of marketing, China

Yu Xuefeng, Chairman, Angel Yeast Co., LTD; President, CCOA Sub-association of fermented foods China

Zhang Yuan, Professor, Henan University of Technology; President, CCOA Sub-association of IT, China

Conference Overview

Date	Time	Session	Venue	Date
20 th May	A ftomoon	14.00 10.00	Onsite Registration	in the lobby,1st foor
20 May	Afternoon	14:00-19:00	Exhibition Booths Arraying	2 nd & 3 nd floor
	All day	08:00-22:00	Onsite Registration	in the lobby, 1 st floor
		08:00-12:00	Exhibition Booths Arraying	2 nd & 3 nd floor
	Morning	09:00-10:00	1 st APGC Organizing and Scientific Committee Meeting	Meeting Room 308, 3 rd loor
21 st May		11:30-14:00	Lunch	Lakeview restaurant, 1 st floor, No.8 Building
21 1/14		15:00-15:40	Opening Ceremony	Meeting Room 312, 3 rd floor
	Afternoon	16:00-16:30	Opening Ceremony of Exhibition	2 nd floor
		16:30-18:00	Plenary Session	Meeting Room 312, 3 rd floor
	Evening	19:00-21:00	Welcome reception	Lakeview restaurant, 1 st floor, No.8 Building
		08:30-11:30	Plenary Session	Meeting Room 312, 3 rd floor
	Morning	11:30-14:00	Lunch	Lakeview restaurant, 1 st floor, No.8 Building
		13:30-17:10	Session 1: Wheat milling and wheat products	Interview Room, 2 nd floor
		13:30-16:50	Session 2: Healthy grains (I)	Meeting Room 207, 2 nd floor
		13:30-17:10	Session 3: Fats & Oils Science and Technology (I)	Meeting Room 208, 2 nd floor
22 nd May		13:30-17:10	Session 4 : Green Technologies for grain storage (I)	Meeting Room 205, 2 nd floor
22 May	Afternoon	13:30-16:50	Session 5: Rice milling and rice products	Meeting Room 315, 3 rd floor
		13:30-16:50	Session 6: Eastern traditional foods	Press conference room, 3 rd floor
		13:10-17:30	Session 7: Research and Development of Potato and Sweet Potato Foods	Meeting Room 308, 3 rd floor
		13:00-16:50	Session 14: Whole industry chain and food nutrition & health	Meeting Room 307, 3 rd floor
		17:30-21:00	Dinner	Lakeview restaurant, 1 st floor, No.8 Building

		08:30-11:50	Session 8: Food quality and safety	Interview room, 2 nd floor			
		08:30-11:50	Session 9: Healthy grains (II)	Meeting Room 207, 2 nd floor			
		08:10-11:30	Session 10: Fats& Oils Science and Technology (II)	Meeting Room 208, 2 nd floor			
		08:35-11:25	Session 11 : Green technologies for grain storage (II)	Meeting Room 205, 2 nd floor			
	Morning	08:30-11:10	Session 12: Processing suitability evaluation of grain and oil raw materials	Meeting Room 315, 3 rd floor			
23 rd May		08:40-11:10	Session 13: AACC International Symposium: Utilization of Cereals and Pulses for Novel Healthy Food Products	Press conference room, 3 rd floor			
						11:30-14:00	Lunch
		13:30-15:00	Closing and Award Ceremony	Meeting Room 312, 3 rd floor			
	Afternoon	Afternoon	Afternoon	Afternoon	15:00-18:00	Technical Tour	Gathering in the lobby at 15:00
		17:30-21:00	Dinner	Lakeview restaurant, 1 st floor, No.8 Building			
24 th May	Leaving						

Pre-Conference Program

Onsite Registration

Registration Desk Open

Time: 14:00-19:00, 20 May 2017

08:00-22:00, 21 May, 2017

Venue: in the lobby, 1st floor of Xing Lin Wan Hotel

Exhibition Booths Arraying

Time: 14:00-19:00, 20 May, 2017

08:00-12:00, 21 May, 2017

Venue: 2nd and 3rd floor, Xing Lin Wan Hotel

1st APGC Organizing and Scientific Committee Meeting

Time: 09:00-10:00, 21 May, 2017

Venue: Meeting Room308, 3rd floor of Xing Lin Wan Hotel

Participants: Organizing and scientific committee members and invited guests

Technical Program

Sunday Afternoon-21 May, 2017

Opening Ceremony of 1st APGC

Time:15:00-15:40

Venue: Meeting Room 312, 3rd floor of Xing Lin Wan Hotel **Moderators: Yu Yanxia,** Deputy Secretary General, CCOA;

Secretary General, CCOA Sub-association of rice products, China

- -Welcome address by CCOA
- -Welcome address by ICC
- -Remark by official of China Association for Science and Technology (CAST)
- -Remark by official of State Administration of Grain (SAG)
- -Remark by the representative of Jimei University

Opening Ceremony of Exhibition

Time:16:00-16:30

Venue: 2nd floor, Xing Lin Wan Hotel

Plenary Session

Time: 16:30-18:00

Venue: Meeting Room 312, 3rd floor, Xing Lin Wan Hotel

Moderators: Hamit Köksel, President, ICC; Professor, Hacettepe University, Turkey Wei Yimin, Deputy Director, NCCFN; Research Scientist, CAAS, China

16:30 Food Security and Modern Agriculture Development

Yin Chengjie, Special Researcher of Counsellors' Office of State Council, former vice Executive Minister of Ministry of Agriculture of China

17:00 Main Challenges for a Sustainable Cereal Sector

Joël Abécassis, ICC Past President; INRA, France

17:30 The industry of edible vegetable oils in China: Current development and future trends

Wang Ruiyuan, Senior Scientist, CCOA; President, CCOA Sub-association of fats&oils, China

Welcome Reception

Time: 19:00-21:00

Venue: Lakeview restaurant, 1st floor, Xing Lin Wan Hotel

Monday Morning-22 May, 2017

Plenary Session

Time: 08:30-11:30

Venue: Meeting Room 312, 3rd floor of Xing Lin Wan Hotel

Moderators: Michaela Pichler, Secretary General, ICC, Austria

Bian Ke, Professor, Henan University of Technology;

President, CCOA Sub-association of noodle products, China

08:30 Biotechnology with Corn as Substrate

Yue Guojun, Academician, Chinese Academy of Engineering; Chief Scientist, State Development & Investment CORP, China

09:00 New pathways for healthy food innovation

Jan-Willem Van der Kamp, TNO-HGF, Netherlands

09:30 The Development of Food Industry and Application of Information Technology in China

Wei Yimin, Deputy Director, NCCFN; Research Scientist, CAAS, China

10:00 Coffee Break

10:30 The Meaning of Development of Grain Industry and Whole Grain Foods to the Structural Reforms on the Grains Supply Side

Yao Huiyuan, Committee Member, Expert Advisory Committee on National Grain Security Policy; President, CCOA Sub-association of foods; Professor, Jiangnan University, China

11:00 The Role of Grain Storage in Global Food Security

Qiang (Chong) Zhang, PhD, PEng Professor, Department of Biosystems Engineering University of Manitoba, Canada

Parallel Sessions

Monday Morning-22 May, 2017

Session 1: Wheat milling and wheat products

Time: 13:30-17:10

Venue: Interview Room, 2nd floor of Xing Lin Wan Hotel **Moderators: Joë Abécassis**, Scientist, INRA, France

Fengcheng Wang, Chair of ICC Governing Committee;

Professor, Henan University of Technology, China

Zhang Jianhua, Research Scientist, Nutrition and Health Research Institute,

COFCO Corporation, China

Gu Zhengbiao, Professor, Jiangnan University; President, CCOA Sub-association of corn refining, China

13:30 Development of Functional Starch-based Saccharides

Gu Zhengbiao, Professor, School of Food Science and Technology, Jiangnan University, China

13:50 Effect of Cellulase, Xylanase and A-Amylasecombinations on the Rheological and Breadmaking Properties of Bread Enriched in Wheat Bran

Wengun Liu, Department of Wine, Food and Molecular Biosciences. Faculty of Agriculture and Life Sciences, New Zealand

14:10 Characterization of Canadian Wheat Varieties'HMW& LMW-GS by LC-ESI-HRMS

D.W. Hatcher, Research Scientist, Grain Research Laboratory, Canadian Grain Commission, Canada

14:30 Rapid Determination of Wheat Quality Indices Using Glutopeak

Zhao Renyong, Professor, College of Food Science and Technology, Henan University of Technology, China

14:50 Effects of Genotype and Environment on Grain, Flour, Dough Properties and Gluten Protein Composition of Canada Western Red Spring Wheat

Filiz Koksel, University of Manitoba, Food Science Department, Canada

15:10 Coffee Break

15:30 Effects of Waxy Wheat Flour Blends on Flour Physic-Chemical Properties and Dried Noodle Quality

Liu Rui, Assistant Professor, Institute of Food and Nutrition Development, Ministry of Agriculture, China

15:50 Milling, Flour Properties and Applications of Waxy Wheat

Shi Yongcheng, Professor, Department of Grain Science and Industry, Kansas State University; Wuhan Polytechnic University, USA

16:10 High Throughput Dough Quality Evaluation Protocol for Wheat With Limited Sample Size

Bin Xiao Fu, Research Scientist, Grain Research Laboratory, Canadian Grain Commission, Canada

16:30 Whole Grain Staple Food and Nutrition

Qu Lingbo, President, Luoyang Institute Of Science And Technology, China

16:50 Establishment and application of ASAG Grain/Oil Nutrition and Health Database

Li Aike, Research Scientist, Academy of State Administration of Grain, China

Session 2: Healthy Grains (I)

(4th International Symposium on Whole Grains and Health)

Time: 13:30-16:50

Venue: Meeting Room 207, 2nd floor of Xing Lin Wan Hotel

Moderators: Jan-Willem Van der Kamp, TNO-HGF, Netherlands **Zhou Huiming,** Professor, Jiangnan University, China

Wang Xiaoxi, Professor, Henan University of Technology, China

13:30 Grains For The Future: How Grain Science And Technology Can Be Harnessed For The Health Of Our Nations

Charles Brennan, Professor, Lincoln University; South China University of Technology,

New Zealand

13:50 Status and Development of Whole Grain Health Food in China

He Junguo, Inner Mongolia Yangufang Ecological Agriculture Development (group) Co., LTD, China

14:10 Ultra-Fine Grinding and Bacteria-Reducing of Grain Based on the High-Pressure Microchannel Fludizer

Li Juan, Jiangnan University, China

14:30 Research and Development of Whole Grain Nutrition Processing and Intelligent Comprehensive

Chen Zhicheng, Professor, College of Food Science and Technology, Henan University of Technology, China

14:50 The Role of Phytate in the Antioxidant Effect of Cereal Beta-Glucans

Yu-Jie Wang, Department of Food and Environmental Sciences, University of Helsinki, Finland

15:10 Coffee Break

15:30 Application of Honey Powder in Cooked Wheatend Food

Chen Yan, chief engineer, Xiamen HaiJia Flour Co. Ltd., China

15:50

Research on the Quality Properties and Volatile Compounds of Whole Wheat Flour

Ren Guobao, COFCO Nutrition & Health Research Institute, China

16:10 Run to Artificial Intelligence (AI) sorting era--the "Black Technology" for agricultural products processing.

Lin Maoxian, General Manager, Hefei Meyer Optoelectronic Technology Inc., China

16:30 SIRT1 in POMC Neurons Promotes Insulin Sensitivity by Potentiating Their

Glucose sensing

Xinfu Guan, Professor, Baylor College of Medicine, USA

Session 2	3:	Fats	&	Oils	Science and	Technology	(\mathbf{I}))
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Time: 13:30-17:10

Venue: Meeting Room 208, 2nd floor of Xing Lin Wan Hotel

Moderators: Xu Xuebing, Professor, Wilmar Global R&D Center, Denmark

Gu Keren, Henan University of Technology, China

13:30 The Development Status and Trends of Specialty Fats and Oils in China

Wang Xingguo, Professor, School of Food Science and Technology, Jiangnan University, China

13:50 Oil Quality Considerations in Deep Fat Frying

Rong Xuan Cai, The Schwan Food Company, USA

14:10 Quality and SafetyControl of the Processing of Vegetable Oilseed and Edible Oil

Liu Yulan, Professor, College of Food Science and Technology, Henan University of Technology, China

14:30 A Method To Reduce The Content Of Glycidyl Esters In Edible Oil By Adsorbent

Materias

Liu Guoqin, Professor, School of Food Science and Engineering, South China University of Technology, China

14:50 Production And Chemical Characterization of Premium Quality Extra Virgin Olive Oil Extracted From Some Localvarieties In Turkey

Dile Sivri Ozay, Hacettepe University, Turkey

15:10 Coffee Break

15:30 Risk and Control of Food Safety in Grain and Oils

Jiang Yuanrong, Research Scientist, Wilmar global R&D Center, China

15:50 Comparative Analysis of Physiochemical Property and Nutritional Components of Walnut Oils From Different Areas

Qiao Xue, College of Food Science and Engineering, Wuhan Polytechnic University, China

16:10 Production Practices and Application Research of Phytosterol

Shi Xuanming, Research Scientist, Xi'an COFCO Engineering Research & Design Institute Co., Ltd., China

16:30 Quantitative High-Resolution 1h And 31p Nuclear Magnetic Resonance

Spectroscopy-Applications To Triacylglycerols And Phospholipids

Wang Xiangyu, R&D specialist, Nutrition & Health Research Institute, COFCO Corporation, China

16:50 Characteristics of Chinese Mango Kernel Fats and the Typically Fractionated

Fractions

Jin Jun, Jiangnan University, China

Session 4: Green Technologies for Grain storage (I)

Time: 13:30-17:10

Venue: Meeting Room 205, 2nd floor of Xing Lin Wan Hotel

Moderators: Qiang(Chong) Zhang, Department of Biosystems Engineering University of

Manitoba, Canada

Song Wei, Nanjing University of Finance and Economics, China

13:30 Research on Grain Storage Ecosystem Based on the Multi-Fields Coupling Theory

Wu Zidan, Professor, Jilin University, China

13:55 Biology and Management of Stored-Product Psocids

James Throne, Professor, USDA-ARS, USA

14:20 Application and Result Evaluation on Online Monitoring of Stored Grain Insect Pests

Wang Dianxuan, Professor, Henan University of Technology, China

14:45 Current Status of Australian Post-harvest Grain Storage and Research

Ren Yonglin, Professor, Murdoch University, Australia

15:10 Coffee Break

15:30 The Present Situation And Development Of Stored-Grain Pest Species And Monitoring And Prediction Technology Of Stored-Grain Pest Condition In China

Guo Daolin, Researcher, Sinograin Chengdu Grain Storage Research Institute, China

15:55 Innovative Strategies for Mitigating Contaminations of Mycotoxins in Grains:Biological Detoxifications of Deoxynivalenol

Zhou Ting, Professor, Guelph University, Canada

16:20 Quality Control of Postharvest Grain on Storage and Transportation Chain

Cao Yang, Professor, Academy of State Adminstration of Grain, China

16:45 The Moisture Migration of Heat and Humidity Grain Bulk and Granary Aeration

Management

Wu Wenfu, Professor, Jilin University, China

Session 5: Rice milling and rice products

Time: 13:30-16:50

Venue: Meeting Room 315, 3rd floor of Xing Lin Wan Hotel

Moderators: Nese Sreenivasulu, Professor, IRRI, the Philippines

An Hongzhou, Professor, School of Food Science and Technology, Henan University of Technology, China

13:30 Systems Genetics of Starch Struture in Rice Grain

Nese Sreenivasulu, Professor, IRRI, the Philippines

13:50 Utilization of Rice Byproducts

Zhao Siming, Professor, Huazhong Agricultural University, China

14:10 Effect of Raw Material Pretreatment on Improving Efficiency of Soaking in Semidry Flour Milling of Rice

Zhou Sumei, Professor, Institute of Agro-Products Processing Science and Technology, Chinese Academy of Agricultural Sciences, China

14:30 Study on Bioactive Compounds in Germinated Brown Rice Cakes Produced by Pressure Drop Method

Umran Uygun, Hacettepe University, Turkey

14:50 Study on the Active Components of Rice by-products and Its Efficacy

Lin Qinlu, Professor, Central South University of Forestry and Technology, China

15:10 Coffee Break

15:30 The Production & Processing Technology on Good Eating Taste of Rice

Liu Houqing, Comprehensive Planning Manager, SATAKE Manufacture (Suzhou) Co. Ltd, China

15:50 Fermentation-Assisted Cadmium Removal from Rice

Lin Lizhong, Chief Engineer, Jinjian Cereals Industry Co., Ltd., China

16:10 Effect of Col Eextrusion with CO₂ Gaz Injection on Characteristics of Extruded Rice with Vegetable

Gi Huyng Ryu, Professor, Department of Food Science and Technology, Kongju National University, Korea

16:30 Thoughts on the Current and Potential Uses of Stored Rice in Southern China

Yi Cuiping, Professor, School of Chemistry and Biological Engineering, Changsha University of Science and Technology, China

Session 6: Eastern traditional foods

Time: 13:30-16:50

Venue: Press conference room, 3rd floor of Xing Lin Wan Hotel

Moderators: Gary Hou, Technical Director, Wheat Marketing Center, USA

Bian Ke, Henan University of Technology, China

13:30 The Role of selected Enzymes in No time Dough Baking with Australian Wheat

Larisa Cato, Australian Export Grains Innovation Centre (AEGIC), Australia

13:50 Research & Development of Chinese Tradition Cereal Food Under Room Temperature Storage

Hu Xinzhong, Professor, College of Food Engineering and Nutritional Science, Shaanxi Normal University, China

14:10 in vitro Digestibility of Various Rice and Wheat Products

Tan Bin, Research Scientist, Academy of State Administration of Grain, China

14:30 Consumption of Noodles Containing Tartary buckwheat Flour Improves Postprandial Capillary Glucose, Visceral Fat and Insulin Sensitivity in Patients with Type 2 Diabetes Mellitus

Xu Bin, Professor, School of Food and Biological Engineering, Jiangsu University, China

14:50 Effect of the Rice Function Propertyies on the Qualities of Batter Flour

An Hongzhou, Professor, School of Food Science and Technology, Henan University of Technology, China

15:10 Coffee Break

15:30 Study of Rice Processing and the Flavor of Cooked Rice

Zhang Min, Professor, Beijing Advanced Innovation Center for Food Nutrition and Human Health, Beijing Technology and Business University, China

15:50 Effects of Different Sprouting States on Wheat Flour and Steamed Bread Quality

Chang Liu, Academy of State Administration of Grain, China

16:10 Effects of Wheat Kernel Traits on the Texture Properties of Lanzhou Hand-extended Noodle

Zhang Yingquan, Chinese Academy of Agricultural Sciences, China

16:30 The Impact of L-Ascorbic Acid on the Qualities of Buckwheat Noodles

Wei Xiaoming, COFCO Nutrition and Health Research Institute, China

Session 7: Research and Development of Potato and Sweet Potato Foods

Time: 13:10-17:30

Venue: Meeting Room 308, 3rd floor of Xing Lin Wan Hotel

Moderators: Dr. Jaspreet Singh, Senior Research Officer, Massey University, New Zealand Dr. Mu Taihua, Researcher, Chinese Academy of Agricultural Sciences, China

13:10 Research and Development Progress of the Key Technology and Equipment of Sweet Potato and Potato Staple Food Processing in China

Mu Taihua, Researcher, Chinese Academy of Agricultural Sciences, China

13:40 Maltose Generation In Sweet Potatoes: Its Relation To Eating Quality And Other Valuable Functions In Their Steamed Storage Roots From Recent Japanese Sweet Potato Cultivars

Yoshiyuki Nakamura, Principal researcher, Institute of CropScience, National Agricultural Research Organization., Japan

14:10 The Development Of Potato Processing Technologyand The Future Trend Analysis

Yang Yanchen, Researcher, Chinese Academy of Agricultural Mechanization Sciences, China

14:40 Bioconversion Technology Of Sweetpotato

Zhao Hai, Deputy director, Biomass Energy Committee, China Renewable Energy Society, China

15:10 Coffee Break

15:30 Potato Processing in New Zealand: Current Status and Development Trends

Jaspreet Singh, Senior Research Officer, Massey University, New Zealand

16:00 Advances in Potato Nutrition and Protein Recovery Technology

Liu Gang, Vice Director, R&D Center of Eco-material and Eco-chemistry of Lanzhou Institute of Chemical Physics of the Chinese Academy of Sciences, China

16:30 The Coordination Reduction Of Acrylamide Formation In Fried Potato Chips

He Jinsong, Dean, College of Food Science and Technology, Yunnan Agricultural University, China

17:00 Create the First Brand of Sweet Potato Industry Based on the Innovation of Whole Industry Chain -- Introduction of Sweet Potato Industry Development of Henan Tianyu Sweet Potato Industry co., ltd

Zhao Tianxue, Chairman, Henan TianYu Sweet Potato Industry Co., LTD, China

Session 14: Whole Industry chain and food nutrition & health

Time: 13:00-16:50

Venue: Meeting Room 307, 3rd floor of Xing Lin Wan Hotel **Moderators: Xingen Lei**, Professor, Cornell University, USA

Niu Xinghe, Chief engineer, Nutrition and Health Research Institute, COFCO Corporation, China

13:00 What Should We Expect From the Food Supply

Patrick J Stover, Member of the National Academy of Sciences, President , American Society For Nutrition

13:20 Do We Need to Biofortify Sraples with Iron and Selenium

Xingen Lei, Professor, Cornell University, USA

13:40 Effects of Soy Supplement on Abdominal Obesity Prevention and Management Among Menopausal Women

Meizi He, Professor, University of Texas – San Antonio, USA

14:00 Soybeans for Prevention of Breast Cancer: Epidemiological Association and Experimental Evidence

Jin-Rong Zhou, Professor, Harvard Medical School, USA

14:20 Integrating Epigenetic Biomarkers and Metabolic Pathways for Nutritional Assessment of Optimal Health

Hong Chen, University of Illinois-Urbana Champaign, USA

14:40 Latest Advancement in Technology Innovation of Fine Grinding Hammer Mill

Wang Weiguo, Professor, Bio-engineering college, Henan University of Technology, China

15:00 Coffee Break

15:30 Influence of Ozone Treatment on The Property and Digestibility of Waxy Rice

Ding Wenping, Professor, Wuhan Polytechnic University, China

15:50 Recessive Hunger and Crop Biofortified Food Products

Dong Zhizhong, COFCO Nutrition & Health Research Institute, China

16:10 Pulse Ingredients in Novel Food Applications

Mehmet C. Tulbek, Ph.D., A.Ag.Director, Research & Development, AGT Foods R&D Centre, Canada

16:30 Insect Technology Solutions

Lilian Forbach, Head of Innovation Lab, Bühler China

Tuesday Morning-23 May, 2017

Session 8: Food quality and safety

Time: 08:30-11:50

Venue: Interview room, 2nd floor of Xing Lin Wan Hotel

Moderators: Roland Poms, Secretary General, MoniQA Association, Austria

Liu Guangming, Professor, Jimei University, China

08:30 Food Authenticity and Food Fraud Prevention: Authenticity and Traceability Testing by Compound Specific Stable Isotope Analysis

Roland Poms, Sercreaty General, MoniQA Association, Austria

08:50 Method for Quantitative Detection of Oat Flour Content Based on Correlation of Fatty Acid Composition and Content

Zhang Hui, Professor, School of Food Science and Technology, Jiangnan University, China

09:10 Add Absolute Colors For Grain Quality Standards

Ron Hadar, Ag-Tech Committee of the California Israel Chamber of Commerce, IsraeL

09:30 Rapid Detection of Harmful Chemical Residues in Foods

Huang Zhiyong, College of Food and Biological Engineering, Jimei University, China

09:50 Coffee Break

10:10 The Research of Reducing Microorganisms of Wheat Bran by Different Ozone Treatment

Liu Chong, Professor, Henan University of Technology, China

10:30 Multiplex and Automatic Elisa Systems for the Quantitative Detection of Mycotoxins in Cereals

M. Poleologo, CEO, Tecna[®], Italy

10:50 On-Site Detection of Heavy Metals, Mycotoxins and Pesticide Residues in Food and Construction of Risk Monitoring Network

Zhang Yanming, Huaan Magnech Bio-Tech Co.,LTD, China

11:10 Mycotoxin Reduction in Wheat

Fritschi Philipp, Head, Grain Milling Technology, Buhler GroupAsia, Switzerland

11:30 MyToolBox – Safe Food and Feed through an Integrated ToolBox for Mycotoxin Management

Michaela Pichler, Secretary General, ICC, Austria

Session 9: Healthy grains (II)

(4th International Symposium on Whole Grains and Health)

Time: 08:30-11:50

Venue: Meeting Room 207, 2nd floor of Xing Lin Wan Hotel **Moderators: Hamit K öksel,** ICC President 2017-2018, Turkey

Xiao Zhigang, Professor, Shenyang Normal University, China **Liu Ying**, Professor, Wuhan Polytechnic University, China

08:30 Lowering Water Activity to Prolong the Shelf-Life of Semi-Dried

Buckwheat Noodles

Zhou Huiming, Professor, School of Food Science and Technology, Jiangnan University, China

08:50 Healthgrain Definition of Whole Grain: Towards A Globally Endorsed Definition

Jan-Willem Van der Kamp, TNO-HGF, Netherlands

09:10 Preparation and Characterization of Nanofiber loaded with Hordein

Guan Xiao, School of Medical instrument and Food Engineering, University of Shanghai for Science and Technology, China

09:30 Insights Into Digestion Property of Oat Starch by Internal and External Factors

Xingxun Liu, Institute of Food Science and Technology (IFST), China

09:50 Study on Application of Wet Ultrafine Technology in Whole Grain Food Production

Zhang Yuzhong, Jiangnan University, China

10:10 Coffee Break

10:30 Pulse Proteins Digestibility And Allergenicity: Influence Of Thermal Processing

And Food Matrix Formulation

Lamia L'Hagina Saint Hyagintha Paga

Lamia L'Hocine, Saint-Hyacinthe Research and Development Centre, Agriculture and Agri-Food Canada, Canada

10:50 Relationship Between The Bitter Taste In Oats And Oat Phenolics

Jin Wenyuan, College of Food Engineering and Nutrition Science, Shaanxi Normal University, China

11:10 Extraction and in vitro Yellow Pigmentfrom Millet

Xu Qian, College of Food Science and Engineering, Jilin Agricultural University, China

11:30 Effects of Different Light De-branning Degrees on the Qualities of Whole Wheat Flour and Steamed Bread

Zhao Jikai, Henan University of Technology, China

Session	10:	Fats&	Oils	Science	and	Technol	logy	(II))
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Time: 08:10-11:30

Venue: Meeting Room 208, 2nd floor of Xing Lin Wan Hotel

Moderators: He Dongping, Professor, Wuhan Polytechnic University, China **Tian Shaojun**, Professor, Henan University of Technology, China

08:10 Quality Control of Frying Oils Based on New National Standard

Jin Qingzhe, Professor, School of Food Science and technology, Jiangnan University, China

08:30 Synthesis of Nanoparticles For Rapidly Detecting And Determining Pesticide Residues and Aflatoxin Contamination In Vegetable Oils

Hongshun Yang, Food Science and Technology Programme, c/o Department of Chemistry, National University of Singapore, Singapore

08:50 Study of Seperation, Identification and Oil Production of A Candida Parapsilosis Strain

Xie Xinlei, College of Food Science and Engineering, Wuhan Polytechnic University, China

09:10 RBO Development in China

Wang Yong, Wilmar global R&D Center, China

09:30 Vegetable Oils As Alternative Solvents for the Green Extraction of Natural Products

Li Ying, Department of Food Science and Engineering, College of Science and Engineering, Jinan University, China

09:50 Coffee Break

Latest Research and Development in Palm Oil:Overcoming Challenges through 10:10

Innovations

Yoong Jun Hao, Malaysian Palm Oil Board, Malaysia

10:30 Research on the Influence Factors of Chloropropanol Fatty Acid Ester'S Formation in Oil Processing

Wang Fengyan, Manager, COFCO Nutrition & Health Research Institute, China

10:50 Relationship between Polar Componentsand Other Two Risk ComponentsofThree Kinds of Edible Oils during Frying

An Kejing, College of Food Science and Technology, Henan University of Technology, China

11:10 Advance in Research and Application of Hainan Camellia Oil

Tan Yunshou, Hainan Hou Biotechnology Co., Ltd, China

Session 11: Green technologies for grain storage (II)

Time: 08:35-11:25

Venue: Meeting Room 205, 2nd floor of Xing Lin Wan Hotel

Moderators: Cao Yang, Researcher, ASAG

Wang Dianxuan, Professor, Henan University of Technology, China

08:35 Grain Situation Analysis System The Development And Application Practice

Fu Pengcheng, Researcher, Sinograin Chengdu Grain Storage Research Institute, China

09:00 A Study on the Equilibrium Moisture Content (EMC) of Chinese Wheat and Lowering Grain Temperature with Mechanical Aeration Guided by EMC Theory

Li Xingjunn, Associate Researcher, Academy of State Administration of Grain, China

09:25 Gene Cloning of Carboxylesterases and Mrna Expression Level in Liposcelis Bostrychophila

Tang Peian, Associate Professor, Nanjing University Of Finance & Economics, China

09:50 Coffee Break

10:10 Effect of Pulsed Light Treatment on the Inhibition of Mold for Rough Rice With High Moisture Content

Ding Chao, Associate Professor, Nanjing University Of Finance & Economics, China

10:35 Advances in Metabolic Resistance to Insecticides in Psocids (Psocoptera: Liposcelididae

Wei Dandan, Professor, Southwest University, China

11:00 The Grain Moisture Sensor Base on the Principle of Dispersion Field and the Application in Grain Storage

Li Zhen, Director, An Hui Brainware Chang An Electronics Co.. LTD, China

Session 12: Processing suitability evaluation of grain and oil raw materials

Time: 08:30-11:10

Venue: Meeting Room 315, 3rd floor of Xing Lin Wan Hotel **Moderators: Syed Rizvi,** Professor, Cornell University, USA

Qiang Wang, Professor, Deputy Director, Institute of Food Science and Technology, CAAS, China

- 08:30 Study on Processing Characteristics and Quality Evaluation of Peanut Varieties
 Wang Qiang, Professor, Deputy Director, Institute of Food Science and Technology, CAAS, China
- 08:50 A New Generation of Grain-based Food Products by Supercritical Fluid Extrusion Syed Rizvi, Professor, Cornell University, USA
- 09:10 Extrusion Cooking Improve the Antidiabetic and Anticancer Effect of Protein From Adzuki Beans (Vigna angularis) and Mung Beans (Vigna radiata)
 Ren Guixing, Professor, Institute of Crop Sciences, CAAS, China
- O9:30 Studies on The Bulk and Interfacial Rheology of Corn Fiber Gum Versus Popularly
 Used Polysaccharide Emulsifiers
 Zhang Hongbin, Professor, Shanghai Jiao Tong University, China
- 09:50 Coffee Break
- 10:10 Isolation, Purification and Molecular Mechanism of A Peanut Protein-Derived Ace-Inhibitory Peptide
 - Shi Aimin, Associate Professor, Institute of Food Science and Technology, CAAS, China
- 10:30 Current Advance in Sustained Processing Technique on Plant-Based ProteinsYang Xiaoquan, Professor, South China University of Technology, China
- 10:50 Modeling Study the Rhelogical Properties of Wheat Flour DoughXingang Sun, Department of Food Science, University of Manitoba, Canada

Session 13: AACC International Symposium:

Utilization of Cereals and Pulses for Novel Healthy Food Products

Time: 08:40-11:10

Venue: Press conference room, 3rd floor of Xing Lin Wan Hotel

Moderators: Perry K.W.Ng, Professor, Michigan State University-AACCI, USA Zhao Renyong, Professor, Henan University of Technology, China

08:40 Traditional and Novel Food Products of The "Forgotten" Pulses of Africa, Bambara Ground Nut (Vignasubterranea) and Cowpea (Vignaunguiculata), and of Wheat and Maize

Maryke Labuschagne, SARChI Chair in Quality and Diseases of Field Crops, Department of Plant Sciences, University of the Free State, Republic of South Africa

09:10 Utilization of Wheat and Pulses for Healthy Food Products

Gary Hou, Technical Director, Wheat Marketing Center, USA

09:30 Optimizing Cereal and Pulse Formulations for Enhanced Health Benefits

Nancy Ames, Agriculture and Agri-Food Canada, Canada

09:50 Coffee Break

10:10 Health Concerns and Market Trends Driving Research Efforts of Grain Science in Europe

Stefano D'Amico, Department of Food Science and Technology, University of Natural Resources and Life Sciences, Austria

Exploring the Opportunity of Developing Resistant-Starch-Rich Food

Ingredients From Pulses And Cereals

Yongfeng Ai, Department of Food and Bioproduct Sciences, University of Saskatchewan, Canada

10:50 Edible Grain Sprouts as A Dietary Source of Antioxidant Phenolics

Harold Corke, Department of Food Science and Engineering, Shanghai Jiao Tong University, China

Tuesday Afternoon-23 May, 2017

Closing Ceremony

Time: 13:30-15:00

Venue: Meeting Room 312, 3rd floor of Xing Lin Wan Hotel

Moderators: Wang Ruiyuan, CCOA Senior Scientist

13:30 Award Ceremony

Best Posters

(Wudeli Flour Mill Group Co.,Ltd., Inner Mongolia Hengfeng Group and Sinograin Chengdu grain storage research institute/ Anhui Brainware Changan Electronics Co., Ltd.)

Best Youth Speakers

(Wudeli Flour Mill Group Co.,Ltd., Inner Mongolia Hengfeng Group and Sinograin Chengdu grain storage research institute/ Anhui Brainware Changan Electronics Co., Ltd.)

15:00 Close

Technical Tour

Time: Meet in the lobby of the Xing Lin Wan Hotel at 15:00

Local Company: HUIERKANG GROUP CO., LTD

Please note that all the participants who intend to join the activity must make reservation as registering on site at the lobby of the Xing Lin Wan Hotel on 21 May, 2017.

Poster Presentation

Venue: 3rd floor, Xing Lin Wan Hotel

Session 1: Wheat milling and wheat products

Session 2: Healthy grains (4th International Symposium on Whole Grains and Health) (I)

Session 3: Fats& Oils Science and Technology (I)

Session 4: Green technologies for grain storage (I)

Session 5: AACC International Symposium

Session 6: Eastern traditional foods

Session 7: Research and Development of Potato and Sweet Potato Foods

Session 8: Food quality and safety

Session 9: Healthy grains (4th International Symposium on Whole Grains and Health) (II)

Session 10: Fats& Oils Science and Technology (II)

Session 11: Green technologies for grain storage (II)

Session 12: Processing suitability evaluation of grain and oil raw materials

Session 13: Rice milling and rice products

Session 14: Whole Industry chain and food nutrition & health

Arrangement Schedule:

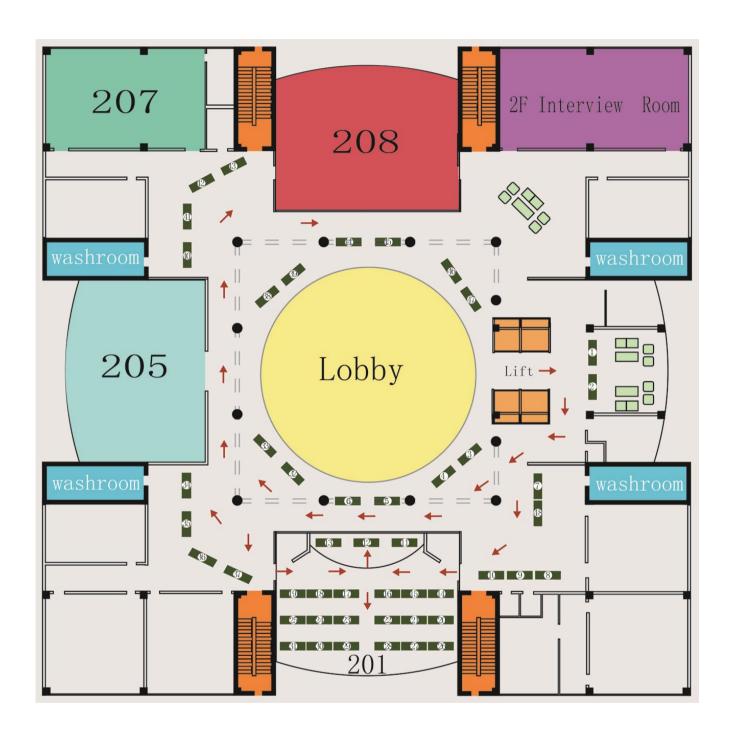
Session	Preparation	Open	Move-out
Session 1-7,14	13:00-19:00, May 21	08:00-17:30,May22	17:30-18:00,May 22
Session 8-13	18:00-19:00, May 22	08:00-13:00,May 23	13:30-14:00,May 23

Exhibition

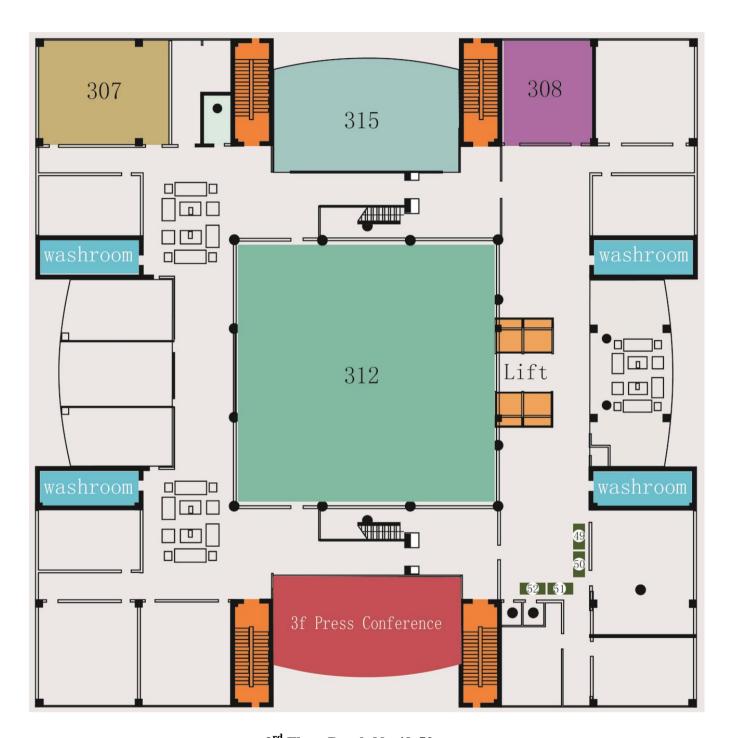
Open Time: 16:00, 21 May to 12:00, 23 May, 2017

Exhibition Move-out: 12:00, 23 May, 2017

The Sketch Map of Exhibition



2rd Floor Booth No.1-48



3rd Floor Booth No.49-52

	The Exhibitors List	
	Platinum Sponsors	
2	Wudeli Flour Mill Group Co.,Ltd.	wdljtb@wudeli.com
4,5,6	Inner Mongolia Hengfeng Food Industry(Group)Co.,Ltd.	dsg5892@163.com
8,9,10	Sinograin Chengdu Grain Storage Research Institute/Anhui Brainware Changan Electronic Co.,Ltd.	182444468@qq.com
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7	Shanghai Spring Valley Mechanism Manufacture Co., Ltd	yuxinguk@126.com
43	Henan Huatai Cereals and Oils Machinery Co.,Ltd.	hnhtxzb@126.com
35	Hubei Ye Wei Grain and Oil Machinery Co.,Ltd.	ccwssyw@126.com
36	Huaan Magnech Bio-Tech Co.,Ltd.	shanling.hu@magnech.com
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46	Perten Instruments AB	Beijing@perten.com.cn
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	Exhibitors	
11,12,13	Brabender GmbH & Co. KG/Melchers Industrial (Shanghai) Ltd.	helenzhao@shmelchers.com.cn
14	Ronghai Biotechnology Co., Ltd.	huawei@ronghai-health.com
15	Hefei Taihe Optoeletronic Technology Co., Ltd.	2355242377@qq.com
16	Yangzhou Muyang Sorage Engineering Co., Ltd.	tiangq@muyang.com

17	Zhejiang Bethlehem Apparatus Co., Ltd.	liuchangxs@163.com
18	Zhengzhou Beibo Electronics Co.,Ltd.	953412492@qq.com
19	NCS Testing Technology Co., Ltd.	suihongyan@ncschina.com
20	Hainan Hou Biotechnology Co., Ltd.	549434684@qq.com
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22	Institute of Food Science and Technology CAAS	huhui@caas.cn
23	Zhengzhou Xinsheng Electronice Teachnology Company Limited	8784707@163.com
24	COFCO Eastocean Oils & Grains Industries (Zhangjiagang) Co.,Ltd.	jinwenjing@cofco.com
25	Beijing Bioshome Co.,Ltd.	buqingjing@bioshome.cn
26	Huaihua Tiantian Rice Noodles Co.,Ltd.	47203676@qq.com
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28	Beijing Liang'an Technology Co., Ltd.	wanglq@bjggs.com.cn
29	Shandong Jinsheng Cereals and Oils Group Co.,Ltd.	zouyefei@163.com
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51	COFCO Nutrition & Health Research Institute	case.iteuc.com/cofco/
52	Zhonghong Bioengineering Co.,Ltd.	liusihang@cofco.com

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HNAC Technology Co.,Ltd.	gk@cshnac.com			

General Information

Conference Venue Xing Lin Wan Hotel

301 Xingbin Rood, Jimei District, Xiamen, Fujian, China

Tel: +86 592-6198888

Meals

Breakfast: 07:00-09:00 **Lunch**: 11:30-14:30 **Dinner**: 17:30-21:00

Location: Lakeview restaurant, 1st floor, Xing Lin Wan Hotel

Participant Card

During the 1st APGC, all the delegates are required to wear the participant cards issued by the conference, which serves as a pass for all the sessions exhibition and **welcome reception.**

Working Language

English and Chinese are the official working languages of the 1st APGC.

Simultaneous Interpretation

Simultaneous interpretation will be available on Plenary Session. To operate the interpretation receiver, just wear the headset, select the channel for appropriate session and adjust the volume.

ID card or passport is required when borrowing the simultaneous interpretation devices (a receiver and a headset). Please return the devices while leaving the conference room.

Insurance

Please check the validity of your own insurance, because 1st APGC organizers cannot bear the responsibility for the delegate's insurance.

Internet services

Free Wi-Fi (Hotel -chinaNet) is available in the hotel hobby and conference rooms.

Telephone Dialing-out

Hotel accommodations are reserved by the conference secretariat at special reduced price and the accommodations fee are not cover the telephone dialing-out. The delegates who dial the telephone number outside the hotel would be charged with accessional fee in his/her bill.

Electricity

The electrical voltage in China is 220V.

Notes

To ensure the convening of the conference on time, delegates should come to the conference room 10 minute before each session. Please swish off all the mobile phones.

Please note that the program of each session might be subject to change. And if there is any change, we will inform the delegates the final arrangement timely.