

第一天（8月23日）		报道注册、青年科学家报告
Day 1 (23-August)		On-site Registration and Session for Young Scientists
08:30 - 22:00	报道注册	天府农博园酒店大堂
	Check-in & Registration	Tianfu Agricultural Exposition Park Hotel Lobby
17:30 - 19:30	晚餐 (自助餐)	一楼立春厅
	Dinner (Buffet)	Lichun Hall, 1st Floor

青年科学家报告 #1

Sustainability (分会场一：二楼小暑厅)

Session for Young Scientists #1

Sustainability (Sub-venue 1, Xiaoshu Hall, 2nd Floor)

Chaired by Jing Fan (樊晶) (15 mins presentation including 3 mins Q&A)

19:30 - 19:45	Mo Wang (王莫)	Yunnan Agricultural University, China
	Phytic acid with a direct anti-blast fungus effect can be developed into a nanomaterial controlling rice diseases	
19:45 - 20:00	Chao Yang (杨超)	China Agricultural University, China
	A translational regulator M9 modulates ethylene signaling and plant immunity in rice	
20:00 - 20:15	Wenguang Wang (王文广)	Shandong Agricultural University, China
	Genetic regulatory network underlying rice tiller angle	
20:15 - 20:30	Kangxi Du (杜康兮)	Sichuan Agricultural University, China
	Functional reprogramming and epigenetic regulation of histone H3K4me1 in rice	
20:30 - 20:45	Yu Huang (黄钰)	Southwest University, China
	Perception of viral infections and initiation of antiviral defence in rice	

青年科学家报告 #2

Gene Editing (分会场二：二楼秋分厅)

Session for Young Scientists #2

Gene Editing (Sub-venue 2, Qiufen Hall, 2nd Floor)

Chaired by Yan Li (李燕) (15 mins presentation including 3 mins Q&A)

19:30 - 19:45	Hailong Guo (郭海龙)	China Agricultural University, China
	Extending functionality of Solanaceae NLRs into rice confers resistance to bacterial leaf streak	
19:45 - 20:00	Kasidit Rattanawong	Tokyo Metropolitan University, Japan
	Production of rice zygote in vitro: For investigating basic plant biology and establishing new breeding technology	
20:00 - 20:15	Guoyong Xu (胥国勇)	Wuhan University, China
	Investigating basic plant biology and establishing new breeding technology	
20:15 - 20:30	Pengcheng Wei (魏鹏程)	Anhui Agricultural University, China
	Precise plant genome editing using efficient and versatile base editors	

青年科学家报告 #3

Bio-information (分会场五：二楼大暑厅)

Session for Young Scientists #3

Bio-information (Sub-venue 5, Dashu Hall, 2nd Floor)

Chaired by Yong Zhou (周勇) (15 mins presentation including 3 mins Q&A)

19:30 - 19:45	Xiaoding Ma (马小定)	Institute of Crop Sciences, Chinese Academy of Agricultural Science, China
	Large-scale genomic and phenomic analyses of modern cultivars empower future rice breeding design	
19:45 - 20:00	Xin Wei (魏鑫)	Shanghai Normal University, China
	Genomic investigation of 18K lines reveals the genetic architecture of rice	
20:00 - 20:15	Quan Xu (徐铨)	Shenyang Agricultural University, China
	Time-ordering japonica/geng genomes analysis indicates the importance of large structural variants in rice breeding	
20:15 - 20:30	Zhaohui Zhong (仲昭辉)	Sichuan Agricultural University, China
	Bioinformatics in a CRISPR way: developing highly precise and programmable tools for molecular breeding	

Plenary Sessions and Concurrent Sessions

Chaired by Prof. Xuewei Chen (陈学伟) (Local organizer of 2025 IRSFG)

Remarks from Prof. Dengcai Liu, Party Secretary of Sichuan Agricultural University

Main Venue: Ligu Hall, 2nd Floor

Chaired by Ari Sadanandom (35 mins presentation including 5 mins Q&A)

Break + Coffee/Tea/Snacks

Main Venue: Liqiu Hall, 2nd Floor

Chaired by Kenneth L. McNally (35 mins presentation including 5 mins Q&A)

Lichun Hall, 1st Floor

Plant Nutrition and Development (分会场三：二楼小暑厅)

Plant Nutrition and Development (Sub-venue 1, Xiaoshu Hall, 2nd Floor)

Chaired by Jian Zhang (张健) and Ki-Hong Jung (20 mins presentation including 3 mins Q&A)

Break + Coffee/Tea/Snacks

15:40 - 16:00	Kenichi Nonomura	National Institute of Genetics, Japan
	Cytoplasmic RNA granule to regulate the meiosis entry in proper time in rice	
16:00 - 16:20	Jian Zhang (张健)	National Rice Research Institute, China
	SL6 locus determines seed longevity in rice	
16:20 - 16:40	Shan Li (李姗)	Nanjing Agricultural University, China
	A greener agriculture governed by understanding the auxin-nitrogen module	
16:40 - 17:00	Bin Hu (胡斌)	South China Agricultural University, China
	A new abscisic acid receptor integrates compound environmental cues for plants	
17:00 - 17:20	Yidan Ouyang (欧阳亦聃)	Huazhong Agricultural University, China
	A fantasy journey to the secrets of Gy tails	

分会场报告 #2

Grain Nutrition and Quality (分会场二：二楼秋分厅)

Concurrent session #2

Grain Nutrition and Quality (Sub-venue 2, Qiufen Hall, 2nd Floor)

Chaired by **Peng Qin (钦鹏)** and **Yibo Li (李一博)** (20 mins presentation including 3 mins Q&A)

14:00 - 14:20	Lae-Hyeon Cho	Pusan National University, Republic of Korea
	CTP synthase enzyme activity regulates rice seed yield and quality	
14:20 - 14:40	Yibo Li (李一博)	Huazhong Agricultural University, China
	A natural gene on-off system confers field thermotolerance for grain quality and yield in rice	
14:40 - 15:00	Jing Fan (樊晶)	Yazhouwan National Laboratory, China
	A scaffold protein-dependent phosphorylation module confers rice resistance to false smut disease	
15:00 - 15:20	Lichun Huang (黄李春)	Yangzhou University, China
	Toward breeding low GI rice: genetics & engineering	
15:20-15:40	茶歇	
	Break + Coffee/Tea/Snacks	
15:40 - 16:00	Peng Qin (钦鹏)	Sichuan Agricultural University, China
	The genetic basis of heat tolerance in rice	
16:00 - 16:20	Yohei Koide	Hokkaido University, Japan
	Evolution of interspecific hybrid sterility gene S13 found in <i>O. longistaminata</i>	
16:20 - 16:40	Dezhi Wu (吴德志)	Hunan Agricultural University, China
	Improving rice yield in saline soils through genetic approaches	
16:40 - 17:00	Bin Ma (马斌)	Yangzhou University, China
	Genetic basis underlying source-sink coordination for high yield in cereals	

分会场报告 #3

Biotic Interactions (分会场三：一楼雨水厅)

Concurrent session #3

Biotic Interactions (Sub-venue 3, Yushui Hall, 1st Floor)

Chaired by **Yiwen Deng (邓一文)** and **Yoji Kawano** (20 mins presentation including 3 mins Q&A)

14:00 - 14:20	Jun Liu (刘俊)	China Agricultural University, China
	The selective autophagy in rice blast disease resistance	
14:20 - 14:40	Zhaohui Chu (储昭辉)	Wuhan University, China
	Hijacked a <i>oryza</i> specific transcriptional module to negatively and synergistically regulate the broad spectrum resistance and heading date	
14:40 - 15:00	Shimin Zuo (左示敏)	Yangzhou University, China
	Identification of SBRR1-R with high potential in rice breeding against sheath blight	
15:00 - 15:20	Yoji Kawano	Okayama University, Japan
	Decoding long-distance immune signaling of chitin-induced systemic resistance in rice	

15:20-15:40	茶歇 Break + Coffee/Tea/Snacks	
15:40 - 16:00	Yan Li (李燕)	Sichuan Agricultural University, China Rice miRNAs coordinate disease resistance and yield traits
16:00 - 16:20	Yanjun Kou (寇艳君)	National Rice Research Institute, China miR444b.2-HsfA1-AOC1 module mediates heat priming-enhanced blast resistance in rice
16:20 - 16:40	Zongtao Sun (孙宗涛)	Ningbo University, China Arbovirus suppresses a lectin protein-mediated rice resistance for facilitating vector performance and viral transmission

分会场报告 #4

Abiotic Stresses (分会场四：一楼谷雨厅)

Concurrent session #4

Abiotic Stresses (Sub-venue 4, Guyu Hall, 1st Floor)

Chaired by Jianzhong Lin (林建中) and Zhengyi Xu (徐正一) (20 mins presentation including 3 mins Q&A)

14:00 - 14:20	Jinjie Li (李金杰)	China Agricultural University, China Natural variations of CTB5 and CTB6 confer cold adaptation in plateau japonica rice
14:20 - 14:40	Xuelel Lai (赖雪雷)	Huazhong Agricultural University, China Protein phase separation in stress signal sensing and responses in rice
14:40 - 15:00	Zhengyi Xu (徐正一)	Northeast Normal University, China Genetic and molecular mechanisms underlying UV-B-induced photomorphogenesis and stress tolerance in rice
15:00 - 15:20	Jun Fang (方军)	Yazhouwan National Laboratory, China Impact of rice OsUBC12 on low-temperature germination and its application to breeding
15:20 - 15:40	茶歇 Break + Coffee/Tea/Snacks	
15:40 - 16:00	Wei Luo (罗伟)	Institute of Botany, Chinese Academy of Sciences, China Molecular mechanisms of cold sensing and their potential for rice breeding
16:00 - 16:20	Jianzhong Lin (林建中)	Hunan University, China The molecular mechanisms of H2O2 regulating the salt tolerance in rice
16:20 - 16:40	Haiping Lu (芦海平)	Zhejiang University, China The NAT1-bHLH110-CER1/CER1L module regulates heat stress tolerance in rice
17:00 - 18:30	晚餐 (自助餐), 一楼立春厅 Dinner (Buffet) , Lichun Hall, 1st Floor	

大会组委会会议

天府农博园酒店

ISRFG Committee Meeting

Tianfu Agricultural Exposition Park Hotel

20:30 - 21:30	大会组委会会议 ISRFG Committee Meeting	
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第三天（8月25日）	大会报告、参观考察宝墩文化遗址
Day 3 (25-August)	Plenary Sessions and Tour of Baodun Cultural Site

大会报告 #3

Plenary Session #3

主会场：二楼立秋厅

Main Venue: Liqiu Hall, 2nd Floor

Chaired by Emmanuel Guiderdoni (35 mins presentation including 5 mins Q&A)

08:30 - 09:05	Rod A. Wing	University of Arizona, USA
	The international Oryza map alignment project: Oryza genome evolution through a tetraploid lens	
09:05 - 09:40	Yiwen Deng (邓一文)	College of Biotechnology, Zhejiang University, China
	Rice functional genomics of broad-spectrum disease resistance	
09:40 - 10:15	Jauhar Ali	International Rice Research Institute, Philippines
	Research advances on Green, Nutritious, and Super Rice (GNSR) at IRRI	
10:15 - 10:35	茶歇	
	Break + Coffee/Tea/Snacks	

大会报告 #4

Plenary Session #4

主会场：二楼立秋厅

Main Venue: Liqiu Hall, 2nd Floor

Chaired by Lizhong Xiong (熊立仲) (30 mins or 35 mins presentation including 5 mins Q&A)

10:35 - 11:10	Antonio Costa de Oliveira	Federal University of Pelotas, Brazil
	WRKY transcription factors: a tool for rice resilience	
11:10 - 11:40	Letian Chen (陈乐天)	South China Agricultural University, China
	The CMS-WA/Rf system involves multilayer interactions between nucleus and cytoplasm in rice	
11:40 - 14:00	午餐（自助餐）	一楼立春厅
	Lunch (Buffet)	Lichun Hall, 1st Floor

大会报告 #5

Plenary Session #5

主会场：二楼立秋厅

Main Venue: Liqiu Hall, 2nd Floor

Chaired by Siwaret Arikrit (30 mins presentation including 5 mins Q&A)

14:00 - 14:30	Guangcun He (何光存)	Wuhan University, China
	How does rice resist brown planthopper	
14:30 - 15:00	Xuewei Chen (陈学伟)	Sichuan Agricultural University, China
	The transcriptional factor bHLH25 senses hydrogen peroxide to mediate plant immunity	
15:00 - 17:00	参观考察宝墩文化遗址	
	Tour of Baodun Cultural Site	
17:00 - 18:00	墙报交流	二楼主会场外
	Poster Session	Outside Main Venue, 2nd Floor
18:00 - 19:30	晚餐 (自助餐)	一楼立春厅
	Dinner (Buffet)	Lichun Hall, 1st Floor

第四天（8月26日）	分会场报告、大会报告、闭幕式
Day 4 (26-August)	Concurrent Sessions, Plenary Sessions and Closing Ceremony

分会场报告 #5

Crosstalk of Multiple Processes (分会场一：二楼小暑厅)

Concurrent session #5

Crosstalk of Multiple Processes (Sub-venue 1, Xiaoshu Hall, 2nd Floor)

Chaired by Zheng Yuan (袁政) and Yuese Ning (宁约瑟) (20 mins presentation including 3 mins Q&A)

08:30 - 08:50	Wenming Wang (王文明)	Sichuan Agricultural University, China
	Exploring immune regulators to coordinate growth and disease resistance in rice	
08:50 - 09:10	Jitender Giri	National Institute of Plant Genome Research, India
	Cytoplasmic RNA granule to regulate the meiosis entry in proper time in rice	
09:10 - 09:30	Yuese Ning (宁约瑟)	The Institute of Plant Protection, Chinese Academy of Agricultural Sciences
	Exploring the mechanism of ubiquitin E3 ligase-mediated immunity in rice against Magnaporthe oryzae	
09:30 - 09:50	Shiyong Song (宋士勇)	Zhejiang University, China
	Balancing growth and adaptation to stress: crosstalk between protein trafficking and transcriptional regulation in rice	
09:50 - 10:10	茶歇	
	Break + Coffee/Tea/Snacks	
10:10 - 10:30	Jong-Seong Jeon	Kyung Hee University, Republic of Korea
	Integrative strategies for functional rice flour development: from grain texture to nutritional enhancement	
10:30 - 10:50	Xiaobo Zhao (赵晓波)	Zhejiang University, China
	High temperature-dependent regulation of chloroplast RNA editing and splicing mediated by a DYW domain-containing protein in rice	
10:50 - 11:10	Shanshan Zhao (赵珊珊)	Fujian Agriculture and Forestry University, China
	A viral transcription activator hijacks host kinase signaling to disarm rice antiviral immunity	

分会场报告 #6

Functional Omics (分会场二：二楼秋分厅)

Concurrent session #6

Functional Omics (Sub-venue 2, Qiufen Hall, 2nd Floor)

Chaired by Xuehui Huang (黄学辉) and Hong Yu (余泓) (20 mins presentation including 3 mins Q&A)

08:30 - 08:50	Jie Qiu (邱杰)	Shanghai Normal University, China
	Deciphering rice feralization: insights from genomics of weedy rice	
08:50 - 09:10	Baocai Zhang (张保才)	Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, China
	Polysaccharide heterogeneity sustains xylem wall coherence and grain yield	
09:10 - 09:30	Yang Bai (白洋)	Peking University, China
	The interactions between the root microbiome and plants in Arabidopsis and rice	
09:30 - 09:50	Lingjuan Xie (谢玲娟)	Shanghai Academy of Agricultural Science, China
	Genetic diversity and evolution of rice centromeres	
09:50 - 10:10	茶歇	
	Break + Coffee/Tea/Snacks	
10:10 - 10:30	Hui Xia (夏辉)	South China Agricultural University, China
	Genetic basis underlying the domestication of upland rice and its implication in rice breeding	
10:30 - 10:50	Yong Zhou (周勇)	King Abdullah University of Science and Technology, Saudi Arabia
	AI-driven phenotypic prediction models for rice	

分会场报告 #7

Yield (分会场三：一楼雨水厅)

Concurrent session #7

Yield (Sub-venue 3, Yushui Hall, 1st Floor)

Chaired by Ji Huang (黄骥) and Shaokui Wang (王少奎) (20 mins presentation including 3 mins Q&A)

08:30 - 08:50	Yongzhong Xing (邢永忠)	Huazhong Agricultural University, China
	Genetic dissection of inter-subspecies hybrid sterility in rice: population specificity and novel fertility variants	
08:50 - 09:10	Shaokui Wang (王少奎)	South China Agricultural University, China
	Improvement of rice appearance quality by design	
09:10 - 09:30	Bing Wang (王冰)	Institute of Genetics and Developmental Biology, Chinese Academy of Sciences, China
	Roles of strigolactones in yield improvement of rice and tomato	
09:30 - 09:50	Fangming Zhao (赵芳明)	Southwest University, China
	Construction of an Indica-Japonica SSSL platform for elucidating the yield-increasing mechanism of qRBG1/OSBZR5 in rice	
09:50 - 10:10	茶歇	
	Break + Coffee/Tea/Snacks	
10:10 - 10:30	Ji Huang (黄骥)	Nanjing Agricultural University, China
	Grain length regulation by BR signaling network in rice	
10:30 - 10:50	Zheng Yuan (袁政)	Shanghai Jiao Tong University, China
	Understanding rice inflorescence development: insights from genetic and single-cell perspectives	

分会场报告 #8

AI and Biotechnology (分会场四：一楼谷雨厅)

Concurrent session #8

AI and Biotechnology (Sub-venue 4, Guyu Hall, 1st Floor)

Chaired by Fan Yang (杨帆) and Jian Huang (黄健) (20 mins presentation including 3 mins Q&A)

08:30 - 08:50	Kejian Wang (王克剑)	China National Rice Research Institute
	Synthetic apomixis with normal seed setting in hybrid rice by genome editing	
08:50 - 09:10	Qinlong Zhu (祝钦泷)	South China Agricultural University
	Developing novel plant synthetic biology tools for engineering future functional food crops	
09:10 - 09:30	Jian Huang (黄健)	Suzhou University, China
	Carbon dots-mediated transient seed transformation for genomic studies in plants	
09:30 - 09:50	Weibo Xie (谢为博)	Huazhong Agricultural University, China
	Decoding and modeling the rice pan-regulome guides rational trait engineering	
09:50 - 10:10	茶歇	
	Break + Coffee/Tea/Snacks	
10:10 - 10:30	Fan Yang (杨帆)	Yazhouwan National Laboratory, China
	GeneScientist: A virtual plant biologist for scalable AI-driven functional genomics in crops	
10:30 - 10:50	Shuai Fu (傅帅)	Zhejiang Lab, China
	BioDeepDiscovery (BDD): An AI scientist for accelerated biological discovery	
10:50 - 11:10	Kabin Xie (谢卡斌)	Huazhong Agricultural University, China
	HDR-mediated gene insertion and site-specific replacement in rice	
11:40 - 14:00	午餐 (自助餐)	
	Lunch (Buffet)	
	一楼立春厅	
	Lichun Hall, 1st Floor	

大会报告 #6
Plenary Session #6
Chaired by Wenming Wang (王文明) (30 mins or 35 mins presentation including 5 mins Q&A)

主会场：二楼立秋厅
Main Venue: Liquiu Hall, 2nd Floor

14:00 - 14:30	Emmanuel Guiderdoni	CIRAD, AGAP institute, France
	Optimizing synthetic apomixis in hybrid rice	
14:30 - 15:00	Wenbin Zhou (周文彬)	Institute of Crop Science, Chinese Academy of Agricultural Sciences, China
	Coordinated upregulation of photosynthetic pathways mediates yield advantage in grain-yield-enhanced rice	
15:00 - 15:35	Qifa Zhang (张启发)	Huazhong Agricultural University, China
	Developing green nutritious super rice for a healthy anthropocene	
15:35 - 15:50	茶歇	
	Break + Coffee/Tea/Snacks	

闭幕式
Closing Ceremony
Chaired by Lizhong Xiong (熊立仲)

主会场：二楼立秋厅
Main Venue: Liquiu Hall, 2nd Floor

15:50 - 16:05	最佳墙报奖颁奖	
	Best Poster Award Ceremony	
16:05 - 16:20	组委会主席张启发闭幕致辞	
	Closing Remarks: Prof. Qifa Zhang, Chair of ISRFG Committee	
16:20 - 16:35	ISRFG 2026承办方致辞	
	Messages from the local organizers of ISRFG 2026: Ari Sadanandom from Durham University	
16:35 - 16:50	成都新津区推介	
	Promotion from Government official of Xinjin District, Chengdu	
17:00 - 18:30	晚餐 (自助餐)	一楼立春厅
	Dinner (Buffet)	Lichun Hall, 1st Floor

第五天（8月27日）	离会
Day 5 (27-August)	Departure