**The Second International Forum on Soil, Fertilizer, Crop and EnvironmentAgenda (Beijing Time)**

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| **Dec. 15th**  **(Beijing Time)**  **12月15日** | **Activity**  **主题** | **Participant**  **参会专家** | **Host**  **主持人** |
| 8:30-9:00 | Opening开幕致辞  Speech by leaders领导致辞 |  | Zhao-hui WANG  (王朝辉) |
| **Lectures报告** | | | |
| 9:00-10:00 | Soil C & N under Drought: A Meta-Analysis & Mechanisms  基于Meta分析的干旱条件下土壤碳氮含量变化及其机制 | Yakov Kuzyakov | Ying-long CHEN  (陈应龙)  Mei SHI  (石美) |
| 10:00-11:00 | Crop responses to the interactions between water, nitrogen and temperature  作物对水、氮和温度相互作用的响应 | Victor O. Sadras |
| 11:00-12:00 | Important advances and prospects in plant nutritional biology in China  中国植物营养生物学研究的重要进展与展望 | Wei-ming SHI  (施卫明) |
| **12:00-14:30 BREAK 午休** | | | |
| 14:30-15:30 | Phenotyping root trait variability and root response to abiotic stress  根系性状的表型变异及根系对非生物胁迫的响应 | Ying-long CHEN  (陈应龙) | Wei-ming SHI  (施卫明)  Xue-chen  ZHANG  (张雪辰) |
| 15:30-16:30 | Plant breeding for future food security  未来粮食安全的作物育种 | Kadambot Siddique |
| 16:30-17:30 | Causes and consequences of microbial range expansions  微生物范围扩大的起因及影响 | David R. Johnson |
| **19:00-21:30 Special presentation for graduate students 研究生专场报告** | | | |
| **Dec. 16th (Beijing Time)**  **12月16日** | **Activity**  **主题** | **Participant**  **参会专家** | **Host**  **主持人** |
| 8:30-9:10 | Exploring novel regulators in nitrate signaling  探索植物硝态氮新调控者 | Kun-Hsiang LIU  (刘坤祥) | Jian-wei LU  (鲁剑巍)  Zhi-feng LU  (陆志峰) |
| 9:10-9:50 | Phosphorus efficiency in oilseed rape: From lab to field  油菜的磷效率: 从实验室到田间 | Lei SHI  (石磊) |
| 9:50-10:30 | Mechanism of soil quality and nutrient efficiency improvement in rice-rape rotation system  稻油复种提质增效机制 | Zhen-hua ZHANG  (张振华) |
| 10:30-11:10 | The synthetic microbial communities in the study of rhizosphere immunity  根际免疫型合成菌群构建 | Zhong WEI  (韦中) |
| 11:10-11:50 | Roles of nitrate transporter in regulating nitrogen uptake in wheat  硝态氮转运蛋白在调控小麦氮吸收过程中的作用及机制 | Hui TIAN  (田汇) |
| **11:50-14:30 BREAK 午休** | | | |
| 14:30-15:00 | Manganese uptake and transport in plants  植物中锰的吸收和转运 | Cun WANG (王存) | Shi-wei GUO  (郭世伟)  Min WANG  (王敏) |
| 15:30-16:00 | The nutrition and regulation of Zn in wheat grains produced in dryland  旱地小麦籽粒锌营养与调控 | Mei SHI  (石美) |
| 16:00-16:30 | Effects of fertilization on soil organic matter conversion and accumulation in paddy and dryland soils  施肥对稻田和旱地土壤有机质转化累积的影响 | Xiaolei  HUANG  (黄晓磊) |
| 16:30-17:00 | Establishment of boron deficiency induced reproductive organ abortion system and characterization of novel genes involved in the abortion process  缺硼诱导花器官败育培养体系的建立及相关重要基因的研究 | Zhao-jun LIU  (刘昭军) |
| 17:00-17:30 | Trade-offs between winter wheat production and soil water consumption via leguminous green manures in the Loess Plateau of China  黄土高原冬小麦生产与豆科绿肥土壤耗水的权衡 | Da-bin ZHANG  (张达斌) |
| 17:30-18:00 | Summary for the Special Symposium 会议总结  Closing ceremony 闭幕式 | Mei SHI  (石美)  Zhao-hui WANG  (王朝辉) | |