# NSFC-CAS-JSPS
## 第三届国际学术前沿研讨会

## NSFC-CAS-JSPS
# The 3rd International Workshop on Frontier of Science and Technology (FST 2015)

# 日程安排
## Technical Program

会议主题：工程应用中的控制与智能化技术
Theme: Control and Intelligent Technology in Engineering Applications
时间：2015年10月23日　　　地点：纽宾凯鲁广国际酒店（中国 武汉）
Date: October 23, 2015　　　Location: New Beacon Luguang International Hotel

## 上午日程Ⅰ (Morning Program Ⅰ)

地点：纽宾凯鲁广国际酒店4楼水晶厅
**Location: Crystal Hall, 4th Floor**

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| **08:30 – 08:45** | 主持人：吴敏教授（中国地质大学）<br>Chair: Prof. Min Wu (China University of Geosciences) |
| | 中国地质大学：王焰新校长<br>CUG: Prof. Yanxin Wang (China University of Geosciences) |
| | 中国国家自然科学基金委：张永涛处长（国际合作局亚非处）<br>NSFC: Division Chief Yongtao Zhang<br>　　(Division of Asian and African Affairs, Bureau of International Cooperation) |
| | 中国科学院：陈海涛先生（国际合作局亚非处）<br>CAS: Chief Program Officer Haitao Chen<br>　　(Division of Asian and African Affairs, Bureau of International Cooperation) |
| **08:45 – 09:10** | 日本学术振兴会北京代表处：广田薫所长<br>JSPS Beijing Office: Prof. Kaoru Hirota |
| **09:10 – 09:30** | 主持人：陈略峰博士（中国地质大学）<br>Chair: Dr. Luefeng Chen (China University of Geosciences) |
| | 全体合影：纽宾凯鲁广国际酒店一楼入口<br>Group Photo: Entrance of the Hotel, 1st Floor |

# 上午日程 Ⅱ (Morning Program Ⅱ)

**地点：纽宾凯鲁广国际酒店4楼水晶厅**
**Location: Crystal Hall, 4th Floor**

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| **Section 1**<br>**09:30 – 10:20** | 主持人：佘锦华教授（日本东京工科大学、中国地质大学）<br>Chair: Prof. Jinhua She<br>　　　　(Tokyo University of Technology, China University of Geosciences) |
| **09:30 – 09:55** | 演讲人：毛伟建教授（中国科学院测量与地球物理研究所）<br>Speaker: Prof. Weijian Mao<br>　　　　(Institute of Geodesy and Geophysics, Chinese Academy of Sciences)<br>Lecture Topic: Application of Nonlinear Multiple-scattering Inversion in Resource Exploration |
| **09:55 – 10:20** | 演讲人：福田敏男教授（日本名古屋大学，日本名城大学，北京理工大学）<br>Speaker: Prof. Toshio Fukuda<br>　　　　(Nagoya University/Meijo University/Beijing Institute of Technology)<br>Lecture Topic: Bio Cell Analysis and Assembly by Micro and Nano Robotic Technology |
| **10:20 – 10:40** | 茶歇 (Tea Break) |
| **Section 2**<br>**10:40 – 11:55** | 主持人：段广仁教授（哈尔滨工业大学）<br>Chair: Prof. Guangren Duan (Harbin Institute of Technology) |
| **10:40 – 11:05** | 演讲人：程代展研究员（中国科学院数序与系统科学研究院）<br>Speaker: Prof. Daizhan Cheng<br>　　　　(Academy of Mathematics and Systems Science, Chinese Academy of Sciences)<br>Lecture Topic: STP and Its Applications to Logical Control Systems |
| **11:05 – 11:30** | 演讲人：高间康史教授（日本首都大学东京）<br>Speaker: Prof. Yasufumi Takama (Tokyo Metropolitan University)<br>Lecture Topic: Introduction to Personal Value-based Recommendation |
| **11:30 – 11:55** | 演讲人：苏宏业教授（浙江大学）<br>Speaker: Prof. Hongye Su (Zhejiang University)<br>Lecture Topic: Research on Economic Assessment of Industrial MPC |

# 下午日程 (Afternoon Program)

**地点：纽宾凯鲁广国际酒店4楼水晶厅**
**Location: Crystal Hall, 4th Floor**

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| **Section 3**<br>**13:30 – 15:35** | 主持人：高间康史（日本首都大学东京）<br>Chair: Prof. Yasufumi Takama (Tokyo Metropolitan University) |
| **13:30 – 13:55** | 演讲人：段广仁教授（哈尔滨工业大学）<br>Speaker: Prof. Guangren Duan (Harbin Institute of Technology)<br>Lecture Topic: Quasi-linear Systems -- Parametric Designs and Applications |
| **13:55 – 14:20** | 演讲人：中川友纪子副会长（日本智能信息模糊学会）<br>Speaker: Dr. Yukiko Nakagawa (Japan Society for Fuzzy Theory and Intelligent Informatics)<br>Lecture Topic: Work with Robots -- Force Control and Robot Module for Smart Intelligent Behavior |
| **14:20 – 14:45** | 演讲人：谭民研究员（中国科学院自动化研究所）<br>Speaker: Prof. Min Tan (Institute of Automation, Chinese Academy of Sciences)<br>Lecture Topic: Control and Implementation of Highly Efficient and Highly Maneuverable Motions for Biomimetic Robotic Fish |
| **14:45 – 15:10** | 演讲人：胡德文教授（国防科技大学）<br>Speaker: Prof. Dewen Hu (National University of Defense Technology)<br>Lecture Topic: Brain-computer Interface for Control |
| **15:10 – 15:35** | 演讲人：陈鑫教授（中国地质大学）<br>Speaker: Prof. Xin Chen (China University of Geosciences)<br>Lecture Topic: Cooperative Learning Control for Continuous Multi-agent Systems |
| **15:35 – 15:55** | 茶歇 (Tea Break) |
| **Section 4**<br>**15:55 – 17:35** | 主持人：陈鑫教授（中国地质大学）<br>Chair: Prof. Xin Chen (China University of Geosciences) |
| **15:55 – 16:20** | 演讲人：山崎洋一副教授（日本神奈川工科大学）<br>Speaker: Prof. Youichi Yamazaki (Kanagawa Institute of Technology)<br>Lecture Topic: From Smart House to Smile House: Robo Remote for HEMS and Its Controlling of Open IoT Space Based on ECHONET Lite |
| **16:20 – 16:45** | 演讲人：王龙教授（北京大学）<br>Speaker: Prof. Long Wang (Peking University)<br>Lecture Topic: Robust SPR Synthesis |
| **16:45 – 17:10** | 演讲人：李树涛教授（湖南大学）<br>Speaker: Prof. Shutao Li (Hunan University)<br>Lecture Topic: Sparse Representation for Image Restoration and Classification |
| **17:10 – 17:35** | 演讲人：佘锦华教授（日本东京工科大学，中国地质大学）<br>Speaker: Prof. Jinhua She (Tokyo University of Technology/China University of Geosciences)<br>Lecture Topic: A New Methodology for Improving Tracking Precision in Servo Systems -- An Equivalent Input Disturbance Estimator Approach |