**2017 Modular and Offsite Construction Summit (2017MOC)**

**& The 2nd International Symposium on Industrialized**

**Construction Technology (ISICT’17)**

***-----------Third announcement***

“2017 Modular and Offsite Construction Summit (2017MOC) & the 2nd International Symposium on Industrialized Construction Technology (ISICT’17)” will be held on November 10-12, 2017, in Shanghai, China. World-renowned experts and scholars in the field of building and construction industrialization will be invited to the summit and present their cutting-edge research. In addition, parallel sessions about Prefabricated Steel Buildings, Prefabricated Concrete Buildings, Smart Construction to Prefabricated Buildings, Prefabricated Timber Buildings and BIM for Prefabricated Buildings will be held. The technical product exhibition will be arranged during the conference and the technical tour will be organized after the conference.

Since the inaugural event in 2012, the MOC Summit has become a globally distinguished event creating an active platform for idea exchange and communication for leaders and practitioners in modular construction. With the largest construction market in the world, China is poised to showcase to the world the recent advancements and growth of industrialized construction in China. Building on the momentum of the 1st ISICT held in 2015 in Shanghai, the 2017MOC & ISICT’17 promises to be another exciting gathering for academics, engineers and industry stakeholders, and will offer presentations encompassing leading-edge research. This event will also showcase best practices in the area of modular and offsite construction in China.

**Organized by:**

Tongji University National Engineering Technology Research Center for Prefabrication Construction in Civil Engineering

University of Alberta, Canada

Modular Building Institute, USA

**Hosted by:**

Shanghai Tongji Lvjian Prefabricated Structural Engineering Technology Co., Ltd.

**Supported by:**

Department of Structural Engineering, College of Civil Engineering, Tongji University; PinnacleLGS; FRAMECAD Ltd; Shanghai Baoye Group Corp., Ltd.

**Conference Venue:**

Lecture Hall, Level 1, Tongji Architectural Design(Group)Co., Ltd., Shanghai, China

**Conference Date:** Nov. 10th, 2017 - Nov. 12th, 2017

**Official Language:** English and Chinese, Simultaneous [translation](http://dict.youdao.com/w/simultaneous%20translation/#keyfrom=E2Ctranslation) will be offered.

**Sponsorship & Exhibition:**

Click here for more details:

http://prefabcenter.tongji.edu.cn/2017moc/Data/List/ExihSponsor

**Contact Information:**

Secretary: Ms Qi Qu

E-mail: prefabcenter@tongji.edu.cn

Telephone: 86-21-65982378

**Registration Fee:**

Delegates: USD 500(USD 430 before Oct.31,2017)

Students: USD 250(USD 200 before Oct.31,2017)

Accompanying person: USD 30(banquet coupon and dinner coupon are available)

*Registration fee includes: Conference Sessions, Printed proceedings, Reception, Banquet, Coffee breaks, and Lunch during the conferences.*

**Registration**:

1. To register, please visit our conference web page: http://prefabcenter.tongji.edu.cn/2017moc/Data/List/Registration

2. Or download the registration form via <http://www.tjprefab.com.cn/> and send the completed copy to [prefabcenter@tongji.edu.cn](mailto:prefabcenter@tongji.edu.cn) with the bank transfer receipt.

3. On-site registration will be available during Nov. 10th – Nov. 12th, 2017 at conference venue.

**Payment:**

1. Transfer of account

* Receivable Company: Shanghai Tongji lvjian Prefabricated Structural Engineering Technology Co., Ltd.
* Bank of deposit: China Construction Bank, Shanghai Branch, Yangpu Sub-branch
* Account number: 31050175364300000076

2. Pay through Wechat or Alipay by adding Wechat number: 188-0177-0507

3. On-site payment: Nov. 9th, 2017 – Nov. 10th, 2017(by cash or credit card)

*Make sure to write down the information: “conference name + name of attendee” when you pay through Wechat or Alipay. The registration will be completed after the confirmation of receipt is received.*

**Appendix I: Conference Agenda**

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| **Nov. 9th, 2017 (Thursday) / 2017年11月9日（星期四）** | | | | | | |
| 16:00~20:00 | | **Registration / 注册** | | | | |
| 18:00~20:00 | | **Welcome Reception / 欢迎酒会** | | | | |
|  | | | | | | |
| **Nov. 10th, 2017 (Friday) / 2017年11月10日（星期五）** | | | | | | |
| 07:45~18:00 | | **Registration / 注册** | | | | |
| 08:30~08:45 | | **Opening Ceremony / 开幕式** | | | | |
| **Plenary Session I / 大会报告 I** | | | | | | |
| 08:45~09:15 | | **Prof. Mohamed Al-Hussein** | Modular and Offsite Construction Practice in North America.  北美预制装配与模块化施工实践 | | University of Alberta, Canada  阿尔伯塔大学，加拿大 | |
| 09:15-09:45 | | **Mr. Nobuo Yamashita，**Vice-president | Construction Technology for Prefabricated House in Daiwa House Industry  日本[大和房建集团](http://www.so.com/link?m=a00iPRrqYtcnmnqBKbJgTCKtzJwbeRoz0NYfvo62QYAD8dNeIIM7pSFVD2fQ0yDuvJm9vpqA4gLqTr0PbTnBuA%2BJJqSjgAPtdFpj6s65EmmEH0gzbA%2BS%2B%2Bhp9S3U%3D" \t "_blank)制装配化房屋建造技术 | | Daiwa House Industry Co., Ltd., Japan  宝业大和工业化住宅制造有限公司，日本 | |
| 09:45-10:15 | | **Dr. Mark Luther** | Prefabrication in the Australian Context  澳大利亚预制装配化建造 | | Deakin University, Australia  迪肯大学，澳大利亚 | |
| 10:15-10:30 | | **Coffee Break / 茶歇** | | | | |
| 10:30-11:00 | | **Prof. Yinquan Yu,** Chief Engineer  **郁银泉总工** | Chinese Technical Standards for Prefabricated Construction  中国装配式建筑技术标准现状 | | China Institute of Building Standard Design & Research, China  中国建筑标准设计研究院 | |
| 11:00-11:30 | | **Prof. Luc. R. Taerwe** | Actual Trends in Precast Concrete Structures  预制混凝土结构的发展趋势 | | Ghent University (UGent), Belgium  根特大学，比利时 | |
| 11:30-12:00 | | **Mr. Alexander Neuss,** CEO | Building the Future in Wood – off-site Construction & Beyond  木结构建造未来-预制装配化建造及超越 | | SEMA Group, Germany  SEMA集团，德国 | |
| 12:00-12:20 | | **Mr. Charley Zhu,** Sales of Chief Engibeer**朱传善** 销售总工程师 | Pinnacle - the Ultimate Solution for Modular Structure  顶峰建筑科技- 模块化结构的解决方案 | | PinnacleLGS, USA  顶峰建筑科技有限公司，美国 | |
| 12:00-13:30 | | **Lunch / 午餐** | | | | |
| **Parallel Session I：Prefabricated Steel Buildings / 分会场 I：装配式钢结构** | | | | | | |
| 13:30-13:50 | | **Yi Yang,** Wei Pan, Mi Pan | Manufacturing of Modular Buildings: a Literature Review  模块化建筑制造研究现状 | | University of Hong Kong, Hong Kong, China  香港大学，中国香港 | |
| 13:50-14:10 | | **Yie Sue Chua,**  JY Richard Liew, Sze Dai Pang | Global Behavior of High-rise Prefabricated Prefinished Volumetric Construction(PPVC) Building  预制模块化高层建筑的整体性能 | | National University of Singapore, Singapore  新加坡国立大学 | |
| 14:10-14:30 | | **Rafael Scudelari de Macedo Luiz,** Luiz Francisco Scudelari de Macedo | On-site Modularization of Steel Structures  钢结构现场模块化建造 | | Emasa Engineering, Holland  Emasa Engineering，荷兰 | |
| 14:30-14:50 | | **Ke Cao**，Guoqiang Li | Investigation of Size Selection of Column-supported Modular Steel Building and Its Architectural Adaptability  柱承重箱式模块化钢结构的尺寸选型及其建筑适应性研究 | | Tongji University, China  同济大学，中国 | |
| 14:50-15:10 | | **Kevin Magill** | High Performance Modular Classrooms: Past Experiences and Future Challenges  高性能模块化教室：过往经验与未来挑战 | | Aspen Capital Projects Management, Canada  Aspen Capital Projects Management，加拿大 | |
| 15:10-15:30 | | **Xu Zhong,** Zhihua Chen  **钟 旭，**陈志华 | Research and Discussion on Seismic Performance of Modular Structure  基于模块建筑抗震性能的研究和讨论 | | Tianjin University, China  天津大学，中国 | |
| 15:30-15:50 | | **Yang Liu,** Zhihua Chen  **刘洋，**陈志华 | Design and Static Behavior of Beam-to-beam Connection for Modular Steel Structure Buildings  模块化钢结构建筑梁间连接的设计与静力性能 | | Tianjin University, China  天津大学，中国 | |
| 15:50-16:05 | | **Coffee Break / 茶歇** | | | | |
| 16:05-16:25 | | **Chelsea Ritter,** Mohamed Al-Hussein | Planning of Modular Construction Manufacturing Plan Layouts Using Non-liner Optimization  模块化施工建造设施平面布局设计的非线性优化 | | University of Alberta, Canada  阿尔伯塔大学，加拿大 | |
| 16:25-16:45 | | **Jaume Torres Bonet**, Yuanqi Li | Balanced Value of Modularization Considering Integral Construction Processes  考虑建造全过程的模块化综合价值研究 | | Tongji University, China  同济大学，中国 | |
| 16:45-17:05 | | **Wei Wang**  **王 伟** | Innovative Slip-critical Blind Bolts and Connections for Prefabricated Steel and Composite Buildings  适用于预制转配式钢结构与组合结构的新型摩擦型单向螺栓及连接 | | Tongji University, China  同济大学，中国 | |
| 17:05-17:25 | | **Haitao Yu** | Prefabrication Technology for Highly Energy Efficient Homes in Canada  加拿大预制装配式技术在高效节能房屋中的应用 | | Landmark Group of Companies, Canada  Landmark Group of Companies，加拿大 | |
| 17:25-17:45 | | **Wenying Zhang,** Yuanqi Li  **张文莹，**李元齐 | Testing and Numerical Analysis on Cold-formed Steel Shear Walls Using Corrugated Steel Sheathing  波纹钢板覆面冷弯薄壁型钢龙骨式复合墙体试验研究和有限元模拟 | | Tongji University, China  同济大学，中国 | |
| 17:45-18:05 | | **Zhi Wang**  **王 知** | Application of FRAMECAD Structure Design Software in Thin-walled Steel Structures  FRAMECAD Structure软件在薄壁轻钢建筑领域的应用 | | FRAMECAD Ltd, New Zealand  FRAMECAD，新西兰 | |
| 18:05-18:25 | | **Digang Yang**  **杨迪钢** | Discussion on Marketing Methods of Light-weight Steel Structure in China based on the Experience in Japan Market  从日本的体验式营销浅谈我国冷弯薄壁轻钢结构装配式建筑的营销方式 | | YANG DI GANG (Beijing) Prefabricated Construction Design & Research Institute阳地钢（北京）装配式建筑设计研究院有限公司，中国 | |
| **Parallel Session II：Prefabricated Concrete Buildings / 分会场II：预制装配式混凝土建筑** | | | | | | |
| 13:30-13:55 | | **Anliang Jiao**  **焦安亮** | Research and Development of Precasted Shear Wall with Annular Closed Reinforcement  装配式环扣锚接混凝土剪力墙研发与工程应用 | | China Construction Seventh Engineering Division. Corp. Ltd  中国建筑第七工程局有限公司 | |
| 13:55-14:20 | | **Zhiqiang Gao**  **高志强** | Brief Introduction of Chinese Code for Design of Prefabricated Concrete Building  装配式混凝土建筑国家建筑标准设计简介 | | China Institute of Building Standard Design & Research, China  中国建筑标准设计研究院，中国 | |
| 14:20-14:45 | | **Xiangmin Li**  **李向民** | Fullness Detection of Grout Sleeve Connections in Prefabricated Concrete Structures and Standard Development  装配整体式混凝土结构套筒灌浆饱满度检测与标准编制 | | Shanghai Research Institute of Building Sciences Group Co.Ltd, China  上海市建筑科学研究院，中国 | |
| 14:45-15:05 | | **Bin Zhao**  **赵 斌** | An Innovative Fully Assembled Modular Precast Concrete Structural System and its Seismic Performance  全装配式模块化预制混凝土结构新体系及其抗震性能研究 | | Tongji University, China  同济大学，中国 | |
| 15:05-15:25 | | **Mi Pan,** Wei Pan, Yi Yang | Modeling and Analysis of Two Production Solutions for Precast Concrete Elements: a Petri-nets Approach  混凝土预制件生产方案的Petri网建模与分析 | | University of Hong Kong, Hong Kong, China  香港大学，中国香港 | |
| 15:25-15:40 | | **Coffee Break / 茶歇** | | | | |
| 15:40-16:00 | | **Chong Zhou**  **周 冲** | Information Management System of Precast Concrete Elements Production for Offsite Construction  装配式建筑预制构件生产信息化管理系统 | | China Construction Technology Consulting Co., Ltd.  中建科技集团有限公司， 中国 | |
| 16:00-16:20 | | **Yan Li**  **李 琰** | Construction Control Technology of Prefabricated Insulating Sandwich Wall  预制夹心保温外墙施工控制技术 | | Shanghai Construction NO.5 (GROUP) Co., Ltd, China  上海建工五建集团有限公司，中国 | |
| 16:20-16:40 | | **Yong Zhao**  **赵 勇** | Experimental Study on the Seismic Behavior of End Joints in Top Storey of Precast Concrete Frame  装配式混凝土框架顶层端节点抗震性能试验研究 | | Tongji University, China  同济大学，中国 | |
| 16:40-17:00 | | **Dongzhi Guan,** Zhengxing Guo, Huanzhi Jiang | Pull-Out Tests of a New Hooked Steel-GFRP Composite Connector in Precast Concrete Sandwich Panels  装配式夹芯墙板新型钩式钢-玻纤连接件拨出试验研究 | | Southeast University, China  东南大学，中国 | |
| 17:00-17:20 | | **Hongxian**  **Li**  **李红仙** | Prefabrication from a World Perspective  预制装配技术国际展望 | | Deakin University, Australia  迪肯大学，澳大利亚 | |
| 17:20 - 17:40 | | **Shaowen Huang**  **黄少文** | Application of Prefabrication Technology in Urban Tunnel Construction  预制装配技术在城市隧道建设中的应用 | | Shanghai SMI highwang(Group)Co., Ltd, China  上海城投公路投资集团有限公司，中国 | |
| 17:40 - 18:00 | | **Feng Lin**  **林 峰** | Experimental Investigation on Torsional Behavior of Composite Beams Reinforced with Two-piece Enclosed Stirrups  双重封闭箍筋组合梁扭转性能试验研究 | | Tongji University, China  同济大学，中国 | |
| 18:00 - 18:20 | | **Jun Xia** | Behaviour of Ultra-high performance Fibre Reinforced concrete Beam-column Joint under Cyclic Loading  超高性能混凝土梁柱节点在低周反复加载下的性能表现 | | Xi'an Jiaotong-Liverpool University, China  西交利物浦大学，中国 | |
| 18:30~20:30 | | **Banquet / 晚宴** | | | | |
| **Nov. 11th, 2017 (Saturday) / 2017年11月11日（星期六）** | | | | | | |
| 08:00~12:00 | | **Registration / 注册** | | | | |
| **Plenary Session II / 大会报告II** | | | | | | |
| 08:30~09:00 | | **Prof. Yu Bai** | Modular Structures in Australia  澳大利亚模块化结构 | Monash University, Australia  莫纳什大学, 澳大利亚 | | |
| 09:00~09:30 | | **Dr. Demin Feng** | Seismic Isolation and Energy Dissipation Technology Used in Pre-cast High Rise Buildings  减震隔震技术在预制高层建筑中的应用 | Fujita Corp., Japan  藤田公司，日本 | | |
| 09:30-10:00 | | **Dr. Yoshitaka Sakai** | A Design and Construction of the Pre-cast Building  某预制装配式建筑的设计与施工 | Taisei Corp., Japan  大成建设，日本 | | |
| 10:00-10:15 | | **Coffee Break / 茶歇** | | | | |
| 10:15-10:45 | | **Quanke Su,** Chief Engineer  **苏权科** 总工 | Rapid Assembly Construction Technology of Hong Kong-Zhuhai-Macao Bridge  港珠澳大桥装配化快速建设技术 | Hong Kong-Zhuhai-Macao Bridge Authority, China  港珠澳大桥管理局，中国 | | |
| 10:45-11:15 | | **Dr. Qiangyue Yang,** Chief Engineer  **杨强跃** 总工 | Research and Development on Bundled Steel Tubes Shear Wall System  钢管束钢板剪力墙体系研发 | HangXiao Steel Structure Co.,Ltd, China  杭萧钢构，中国 | | |
| 11:15-11:45 | | **Lin Lin,** Technical Manager  **林 琳**  技术经理 | UB Modular Building Technology Introduction--Take Crowne Plaza in Singapore Changi Airport as the Example  优必模块建筑技术浅谈——以樟宜机场皇冠假日酒店建成过程为例 | UB(Shanghai) Building Technique Group Co., Ltd, China  优必（上海）建筑科技有限公司，中国 | | |
| 11:45-12:15 | | **Prof. Guoqiang Li**  **李国强** 教授 | Research Progress and Application on Prefabricated Construction Technologies in Tongji University  同济大学在装配式建筑技术领域的研发与应用推广 | Tongji University, China  同济大学，中国 | | |
| 12:30-13:30 | | **Lunch / 午餐** | | | | |
| **Parallel Session III:Smart Construction to Prefabricated Buildings/分会场III:预制装配式建筑的智能建造** | | | | | | |
| 13:30-13:50 | | **Bin He**  **何 斌** | Smart Sensing Technology in Construction Robot  建筑机器人中的智能感知技术 | | Tongji University, China  同济大学，中国 | |
| 13:50-14:10 | | **Yichen Wen,** David Ogunyemi, Alexandre Bouferguene, Mohamed Altaf, Ahmed Bouferguene | Using Noisy RFID Data for Accurately Monitoring Panel Fabrication Assembly Line  使用射频噪声识别技术精确监测板件装配生产线 | | University of Alberta, Canada  阿尔伯塔大学，加拿大 | |
| 14:10-14:30 | | **Ali Azghandi Roshnavand** | Sources of Ambiguity in Modular Construction Concrete Documents (a qualitative & quantitative analysis)  模块化建造混凝土文档中不确定性的来源（定性与定量分析） | | Concordia University, Canada  康考迪亚大学，加拿大 | |
| 14:30-14:50 | | **Rongbo Hu,** Wen Pan, Thomas Bock | A Noval Approach of Vertical City in Southern China Utilizing Construction Robotics, Open Building Priciples, Modular Construction and Prefabrication  中国南方垂直城市利用建筑机器人的新方法，开放建筑原则，预制和模块化建造 | | Technical University of Munich, Germany  慕尼黑工业大学，德国 | |
| 14:50-15:10 | | **Sang Jun Ahn,** Mohammed Sadiq Altaf, SangUk Han, Mohamed Al-Hussein | Machine Learning Application of the Logistics Cost Estimation in the Panelized Construction  机器学习法在预制板式结构物流成本估算中的应用 | | University of Alberta, Canada  阿尔伯塔大学，加拿大 | |
| 15:10-15:30 | | **Wenjun Gao**  **高文君** | Assessment on the Carbon Efficiency in the Construction Stage: a Comparative Study Between Prefabricated and Conventional Construction  施工阶段的碳排放效率研究：装配式建筑和传统建筑的对比 | | Chongqing University, China  重庆大学，中国 | |
| 15:30-15:50 | | **Samad Sepasgozar** | Utilizing the Concept of the Internet of Things for Location Tracking on Major Construction Sites Using Sensor-based Mechanisms  利用物联网的概念，利用基于传感器的机制在主要的建筑工地进行位置跟踪 | | University of New South Wales, Australia  新南威尔士大学，加拿大 | |
| 15:50-16:10 | | **Samad Sepasgozar,** Cynthia Wang, Faham Tahmasebinia | Energy Optimization in the Modular and Offsite Buildings Made from 3D Printing  3D打印模块化建筑的能量优化 | | University of New South Wales, Australia  新南威尔士大学，加拿大 | |
| 16:10-16:30 | | **Chris Yang** | Application Prospet of FRAMECAD System in Prefabricated Lightweight Steel Structures  FRAMECAD设备系统在轻钢预制建筑中的应用前景 | | FRAMECAD Ltd, New Zealand  FRAMECAD, 新西兰 | |
| 16:30-16:45 | | **Coffee Break / 茶歇** | | | | |
| **Parallel Session IV：Prefabricated Timber Buildings / 分会场IV：预制装配式木结构建筑** | | | | | | |
| 16:45-17:05 | | **Minjuan He,** Jing Luo, Zheng Li | Key Technologies for Prefabricated Timber Buildings  预制装配式木结构的关键技术 | | Tongji University, China  同济大学，中国 | |
| 17:05-17:25 | | **Mr. Reza Nasseri** | Light-wood-construction and Energy Efficient Homes  轻质木结构节能房屋 | | Landmark Group of Companies, Canada  Landmark Group of Companies，加拿大 | |
| 17:25-17:45 | | **Dylan Cazemier** | Comparing Cross Laminated Timber with Concrete and Steel: A Financial Analysis of two Buildings in Australia  澳大利亚两幢建筑的财务分析：交叉复合木材同混凝土与钢的比较 | | University of New South Wales, Australia  新南威尔士大学，加拿大 | |
| 17:45-18:05 | | **Haitao Yu** | Complete Value Chain of Prefabricated Houses Using Light Wood Frame Structure  轻木框架预制装配式房屋的完整价值链 | | Landmark Group of Companies, Canada  Landmark Group of Companies，加拿大 | |
| 178:05-18:25 | | **Conrad Boton,** Daniel Forgues | Construction Industrialization and IT Integration: How Tall Wood Buildings can Show the Right Path towards Construction 4.0  建筑工业化和IT的融合：建筑工业4.0下的高层木结构之路 | | École de Technologie Supérieure, France  École de Technologie Supérieure，法国 | |
| **Parallel Session V：BIM for Prefabricated Buildings / 分会场V：预制装配式建筑中的BIM技术应用** | | | | | | |
| 13:30-14:00 | **Zesen Fan,** Chief Architect  **樊则森** 总建筑师 | | Integrated Design Theory and Practice for Industrialized Building Systems  装配式建筑一体化设计理论与实践 | | | China Construction Science & Technology Group Co., Ltd  中建科技集团有限公司 |
| 14:00-14:30 | **Hua Li**  Vice President  **李桦** 副院长 | | Application of BIM Technology in the Process of Modular Construction of Industrial Projects 工业项目模块化建造过程中的BIM技术应用 | | | Architectural Design Research Institute of Shanghai Baoye Group Co., Ltd  上海宝冶集团有限公司建筑设计研究院 |
| 14:30-15:00 | **Dr. Min Hu**  **胡珉** 副教授 | | Data and Semantic-driven Prefabricated Building Information Sharing and Service  数据和语义驱动的装配式建筑信息共享与服务 | | | Shanghai University, China  上海大学，中国 |
| 15:00-15:15 | **Coffee Break / 茶歇** | | | | | |
| 15:15-15:45 | **Dr. Chao Mao**  **毛超** 副教授 | | A Greenhouse Gas Emissions Monitoring System based on Cyber-physical System：a Case Study on Components Manufacturing  基于物理融合系统（CPS）的温室气体排放监测平台：预制构件生产线案例研究 | | | Chongqing University, China  重庆大学，中国 |
| 15:45-16:15 | **Leins Wang,**  Deputy General Manager  **王彪** 副总经理 | | Research and Practice of BIM in Modular EMPC Project Management  BIM在装配式EMPC项目管理中的研究与应用 | | | Digitalization Subsidiary of Jinggong Steel Building Group, China  精工钢构集团信息化公司，中国 |
| 16:15-16:45 | **Prof. Guangbin Wang**  **王广斌** 教授 | | Research on BIM-enabled Integrated Management for Prefabrication Construction  基于BIM的装配式建筑集成建设管理研究 | | | Tongji University, China  同济大学，中国 |
| 16:45-18:00 | Panel Discussion / 讨论交流 | | | | | |
| Invite all the speakers of this session to make discussion on the topic of BIM-enabled integrated management for prefabrication construction  邀请该分会场所有报告人，讨论与BIM装配式建筑集成管理相关的题目 | | | | | |
| 18:25~18:40 | **Closing Ceremony / 闭幕式** | | | | | |
|  | | | | | | |
| 08:30~12:00 | **Nov. 12th, 2017 (Saturday) / 2017年11月12日（星期日）** | | | | | |
| **Technical Tour / 技术参观:Residential project using integrated precast concrete shear wall in Baoshan district of Shanghai/上海市宝山区顾村装配整体式混凝土剪力墙结构住宅项目** | | | | | |

**技术参观项目简介：**顾村45%高预制率夹心保温体系PC住宅

宝山区顾村N12-1101单元06-01地块项目，地处外环内，外环高架与南北高架交汇处西南侧。基地东西长约306m，南北长约287m，东至富长路，南临联谊路，西至共宝路，北至联汇路。总建设用地面积为70210.4m²。本项目主要由11栋16~18层的高层住宅、19栋4层的住宅、6栋3层的多层住宅、1栋2层物业用房、集中地下一层车库、以及若干栋1层的配套用房组成。总建筑面积约194121.21m²，其中地上计容建筑面积126378.72 m²，地下建筑面积约64183m²。2~36#楼均采用装配整体式夹心保温剪力墙结构，项目预制率45%，主要预制构件为预制夹心保温墙板、预制外隔墙板、预制叠合楼板、预制阳台、预制凸窗、预制楼梯等构件。宝山区顾村镇N12-1101单元06-01地块项目，应用预制夹心保温墙板技术、构件精细化安装定位技术、全过程信息化精益建造管理技术等，解决项目实际问题，把控项目质量，推进项目实施。

**Technical Tour:** Residential project using integrated precast concrete shear wall in Baoshan district of Shanghai

The Gu Village precast concrete residential building project locates inside the outer ring of Shanghai. The occupied land area of this project is 70,210m². The Gross floor area is 194,121 m². The project consists of 11 blocks of high-rise building, 19 blocks of 4-storey building, 6 blocks of 3-storey building and service facilities. The prefabrication rate of the project is up to 45%. The main prefabricated components include precast insulating sandwich panel wall, precast exterior wall, precast composite floor slab, precast balcony, precast bay window and precast staircase. All participants of 2017MOC & ISICT'17 are welcomed to register for the technical tour and visit the Gu Village precast concrete project.

**Appendix II: Organizing Committee**

Guoqiang Li, Tongji University **(Chairman)**

|  |  |
| --- | --- |
| Mohamed Al-Hussein, University of Alberta | Yuanqi Li, Tongji University |
| Steven Williams, Modular Building Institute | Hongxian Li, Deakin University |
| Guangbin Wang, Tongji University | Guangjun Liu, Tongji University |
| Zhongguo Guang, Tongji University | Jinhui Luo, Tongji University |
| Yanbo Wang, Tongji University | Weichen Xue, Tongji University |

**Appendix II: Academic Committee**

Mohamed Al-Hussein, University of Alberta（**Chairman**）

|  |  |
| --- | --- |
| Pamela Bell, Prefab New Zealand | Yongmin Bian, Tongji University |
| Yiyi Chen,Tongji University | Yuxiang Chen, University of Alberta |
| Zhihua Chen, Tianjin University | Damien Crough, Prefab Australia |
| Jiemin Ding,Tongji Architectural Design(Group)Co., Ltd. | Shilin Dong, Zhejiang University |
| Demin Feng, FUJITA Corp, Japan | Carl Haas, University of Waterloo |
| Robert Hairstans, Edinburgh Napier University | Minjuan He, Tongji University |
| Zhaoxin Hou, China Metallurgical Group Corporation | Sang Han, Concordia University |
| Yingbo Ji, North China University of Technology | Jillene Lakevold, All weather Windows |
| Guoqiang Li, Tongji University | Hongxian Li, Deakin University |
| Jianzhong Li, Tongji University | Yuanqi Li, Tongji University |
| Yungui Li, China State Construction Engineering Corporation | Mark Luther, Deakin University |
| Yaozhi Luo, Zhejiang University | Kejian Ma, Guizhou University |
| Jianguo Nie, Tsinghua University | Moselhi Osama, Concordia University |
| Jinping Ou, Harbin Institute of Technology | Laurie Robert, NRB Inc. |
| Jeff Robinson, DIRTT Environmental Solutions Ltd. | Geoffrey Shen, Hong Kong Polytechnic University |
| Zuyan Shen, Tongji University | Ryan Smith, University of Utah |
| Quanke Su, Hong kong-Zhuhai-Macao Bridge Authority | Xudong Sun,Intelligent Building System Integration Division of Bao Steel. Corp. Ltd |
| Guangbin Wang, Tongji University | Steven Williams, Modular Building Institute |
| Wei Wang, Tongji University | Yaowu Wang, Harbin Institute of Technology |
| Gang Wu, Southeast University | Jianzhuang Xiao, Tongji UniversityCorporation |
| Xuwen Xiao, China State Construction Engineering | Weichen Xue, Tongji University |
| Lianping Yang, Shanghai Municipal Planning and Land Resources Administration | Qiangyue Yang, Hangxiao Steel Structure Co., Ltd. |
| Haowen Ye, China Construction Eighth Engineering Division. Corp. Ltd. | Jihong Ye, China University of Mining and Technology |
| Haitao Yu, Landmark Group of Companies | Yinquan Yu, China Construction Technology Consulting. Co., Ltd. |
| Yong Yuan, Tongji University | Qingrui Yue, China Metallurgical Group Corporation |
| Ailin Zhang, Beijing University of Civil Engineering and Architecture | Qilin Zhang, Tongji University |
| Xianzhong Zhao, Tongji University | Xuhong Zhou, Chongqing University |

**Registration Form**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of the Company** |  | | **Post Code** |  |
| **Address** |  | | | |
| **Participate** | **Position** | **Department** | **Phone/**  **Mobile phone** | **E-mail** |
|  |  |  |  |  |
| **Accommodation** | **Kingswell Hotel Tongji Shanghai**  Standard Twin Room 598RMB  King /Queen size Room 568RMB  **Shanghai Jinjiang Metropolo Hotel**  Single Room 450RMB  Standard Room 430RMB  **Shanghai Jinjiang Inn Tongji University**  Single Room 280RMB | | **Technical Tour** | Will attend the technical tour  Will not attend the technical tour |
| **Check-in time** | **November 9th**  **November 10th**  **November 11th**  **Another day** |
| **Check-out time** |  |
| **Payment** | **Transfer of account**   * Receivable Company: Shanghai Tongji lvjian Prefabricated Structural Engineering Technology Co., Ltd. * Bank of deposit: China Construction Bank, Shanghai Branch, Yangpu Sub-branch * Account number: **31050175364300000076**   **Pay through Wechat or Alipay by adding Wechat number: 188-0177-0507**  **On-site payment: Nov. 9th, 2017 – Nov. 10th, 2017(by cash or credit card)** | | | |
| **Required receipt of 2017MOC&ISICT’17** | | | **Yes.**  **No.** | |
| **Do you have any requirements for food?** | | | | |