

Third Announcement and Call for Papers
The 8th International Conference of Asian Concrete Federation
(ACF 2018)

SUSTAINABILITY AND INNOVATION IN CONCRETE MATERIALS AND STRUCTURES

Fuzhou, China, November 4-7, 2018

➤ **Organizers**

- Asian Concrete Federation
- Fuzhou University
- ACF China Chapter
- Fujian University of Technology



➤ **Sponsors**

- American Concrete Institute (ACI)
- International Union of Laboratories and Experts in Construction Materials, Systems and Structures (RILEM)
- The International Federation for Structural Concrete (*fib*)

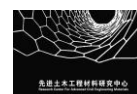


➤ **Co-organizer**

- Building Structure Chapter, Architectural Society of China
- Bridge and Structural Engineering Chapter, China Civil Engineering Society
- Steel-concrete Composite Structure Chapter, China Steel Construction Society
- Premixed concrete Chapter, China Concrete & Cement-based Products Association
- Shenzhen Municipal Design & Research Institute Co., Ltd.
- Sustainable and Innovative Bridge Engineering Research Center of Fujian Province University
- Research Center for Advanced Civil Engineering Materials of Fuzhou University



桥梁及结构工程分会



➤ **Introduction**

Asian concrete society plays a key role in achieving global sustainable development as the consumption of concrete drastically increases. Our great challenge is how to simultaneously satisfy the increased construction demand and decreased environmental impact due to resource and energy consumption.

The International Conference of Asian Concrete Federation is a premier leading conference, under the auspices of the Asian Concrete Federation (ACF). The ACF 2018 aims to share and build on practical sustainable and innovative concrete materials and structures development. It is a platform for concrete professional community to share advanced concrete technologies, innovations, case studies and research development as well as the importance of the production and use of concrete in a more sustainable and innovative way with scientists, researchers, government officials, specification makers, project owners, constructors and others. The conference organizing committee warmly welcomes all of you to Fuzhou to join our event.

➤ **Keynote Speaker**

| | | | | | |
|---|---|--|---|---|---|
| Hiroshi Yokota ACF President, Japan |  | David Lange ACI President, USA |  | Hugo Corres Peiretti <i>fib</i> President, Spain |  |
| Erik Schlangen Rilem Honorary President, Netherlands |  | Jianguo Nie Academician, Tsinghua University, China |  | Jinguang Teng Academician, Hong Kong Polytechnic University, China |  |
| Surendra P Shah Northwestern University, USA |  | Jongsung Sim Hanyang University, Korea |  | Caijun Shi ACF Vice-President, China |  |
| Yinwen Chan ACF Vice-President, China |  | Peiyu Yan Tsinghua University, China |  | Weiliang Jin Zhejiang University, China |  |
| Jiaping Liu Southeast University, China |  | Jianzhuang Xiao Tongji University, China |  | Yuanfeng Wang Beijing Jiaotong University |  |

➤ **Advisory Committee**

| | | | |
|---------------|---------------------------------|---------------------|-------------------------------------|
| Manyop Han | Ajou University, Korea | Donguk Choi | Hankyong National University, Korea |
| Taketo Uomoto | Japan Concrete Institute, Japan | Tamon Ueda | Hokkaido University, Japan |
| Jongsung Sim | Hanyang University, Korea | Manamohan R. Kalgai | Indian Concrete Institute, India |

➤ **International Organizing Committee**

| | | | |
|----------------------|---------------------------|-------------------------|----------------------------------|
| Hiroshi Yokota | ACF President | Somnuk Tangtermsirikul | Thailand Concrete Association |
| David Lange | ACI President | David Millar | Concrete Institute of Australia |
| Hugo Corres Peiretti | <i>fib</i> President | Narantuya Batmunkh | Mongolian Concrete Association |
| Erik Schlangen | Rilem Honorary President | Vyatcheslav R. Falikman | Russian Concrete Association |
| Manamohan R. Kalgai | Indian Concrete Institute | Le Trung Thanh | Vietnam Concrete Association |
| Caijun Shi | ACF Vice-President | Jianguo Dai | Hong Kong Polytechnic University |
| Yinwen Chan | ACF Vice-President | Baochun Chen | Fuzhou University |

➤ **Scientific Committee**

| | | | |
|---------------------------|-------------|-----------------------|-------------|
| Hiroshi Yokota (Chairman) | Japan | | |
| Mingzhe An | China | Narantuya Batmunkh | Mongolia |
| Bruno Briseghella | China | Eugen Brühwiler | Switzerland |
| Yinwen Chan | China | Tapeng Chang | China |
| Baochun Chen | China | Yiyang Chen | China |
| Donguk Choi | Korea | Jianguo Dai | China |
| Qingjun Ding | China | Biqin Dong | China |
| Vyatcheslav R Falikman | Russia | Yaojun Ge | China |
| Manyop Han | Korea | Djwantoro Harjito | Indonesia |
| Sunggul Hong | Korea | Changbin Hu | China |
| Tao Ji | China | Zhengwu Jiang | China |
| Jinyang Jiang | China | Weiliang Jin | China |
| Jang Ho Jay Kim | Korea | Byung Suk Kim | Korea |
| David Lange | USA | Voo Yen Lei | Malaysia |
| Jiaping Liu | China | Xinying Lu | China |
| Benjamin Lumantarna | Indonesia | Giuseppe Carlo Marano | Italy |
| Prem Nath Maskey | Nepal | Changwen Miao | China |
| David Millar | Australia | Jianguo Nie | China |
| Viet Tue Nguyen | Austria | Takafumi Noguchi | Japan |
| Camillo Nuti | Italy | Hugo Corres Peiretti | Spain |
| Jueshi Qian | China | Koji Sakai | Japan |
| Subhajit Saraswati | India | Zlatko Šavor | Croatia |
| Erik Schlangen | Netherlands | Michael Schmidt | Germany |
| Khaled Sennah | Canada | Caijun Shi | China |
| Haixia Shi | China | Franciscus Supartono | Indonesia |
| Somnuk Tangtermsirikul | Thailand | Jinguang Teng | China |
| Le Trung Thanh | Vietnam | Ba Viet Tran | Vietnam |
| Tamon Ueda | Japan | Yuanfeng Wang | China |
| Yuyin Wang | China | Jiangang Wei | China |

| | | | |
|----------------|-------|-----------------|-------|
| Hwaichung Wu | USA | Xiangguo Wu | China |
| Yan Xiao | China | Jianzhuang Xiao | China |
| Peiyu Yan | China | Zhengxian Yang | China |
| W. Phillip Yen | USA | Yunsheng Zhang | China |
| Jianlan Zheng | China | Wenzhong Zheng | China |

➤ **Local Organizing Committee**

| | | | |
|--------------|---------------------------------|-------------------|-------------------|
| Baochun Chen | (Chairman) Fuzhou University | | |
| Jiangang Wei | Fujian University of Technology | Bruno Briseghella | Fuzhou University |
| Changbin Hu | Fuzhou University | Tao Ji | Fuzhou University |
| Surong Luo | Fuzhou University | Zhengxian Yang | Fuzhou University |

➤ **Main Topics**

- Advanced Materials
- Material Characteristics
- Special Concrete
- Sustainability and Durability
- New Structures
- Behavior of Elements and Structures
- Maintenance and Rehabilitation
- Seismic Analysis
- Codes and Standards
- Recycled Materials and Waste in Concrete
- Retrofitting and Strengthening
- Testing, Inspection and Health Monitoring
- Service Life Design and Structural Modeling
- Life-cycle Assessment of Concrete Structures
- Practical Applications and Case Studies

➤ **Registration Fees**

The registration fee covers participation in the conference, conference proceedings (no proceedings for accompany), welcome reception, all lunches and refreshments, a complimentary banquet, and technical tour.

| Registration Fees | Before 2018.08.31 | After 2018.08.31 |
|-------------------|-------------------|------------------|
| Non ACF members | USD 410 | USD 510 |
| ACF members | USD 350 | USD 450 |
| Full-time student | USD 240 | USD 300 |
| Accompany | USD 240 | USD 300 |

➤ **Important Dates**

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|--------------------------|------------------------|
| Abstract submission: | April 30, 2018 |
| Acceptance notice: | May 31, 2018 |
| Full paper submission: | June 30, 2018 |
| Revised full paper: | July 31, 2018 |
| Early bird registration: | August 31, 2018 |

➤ **Conference Proceedings**

Conference papers will be published and submitted to ISTP database for indexing.

➤ **Technical Tour**

(Pingtan cross-strait highway-railway bridge)

ACF2018 Organizing Committee are offering an opportunity to visit the 16km-long Pingtan cross-strait highway-railway bridge linking Changle and Pingtan Island. The bridge is a key project of Fuzhou-Pingtan railway and Changle-Pingtan expressway. It would be the first railroad bridge in China built over the sea and is designed to have two layers. The upper level will include a two-way six-lane highway, and the lower level will feature a double-track railway.



➤ **Conference Secretariat**

Website: <http://2018acf.fzu.edu.cn>

E-mail: acf2018@qq.com

Secretary: Dr. Jiazhan Su, and Dr. Wei Huang

➤ **Venue Information**

Hotel: **Crowne Plaza Fuzhou Riverside**

Address: 100-1 Jiangbin West Avenue, 350002 Fuzhou, China

Website: <http://crowne-plaza-fuzhou.31td.com/>

Crowne Plaza Fuzhou Riverside is 18 km from Fuzhou South Railway Station. The nearest airport is Fuzhou Changle International Airport, 50 km from the property.

