

First Circular / Call for Papers

2019 International Symposium on Roll Forming Technology (Roll Forming 2019)

Guangzhou, China
November 19-21, 2019

Organized by



The Chinese Society for Metals



China Steel Construction Society

<http://www.rollforming2019.com>

Invitation

2019 International Symposium on Roll Forming Technology (Roll Forming 2019) will be held in Guangzhou, China on November 19-21, 2019. Roll Forming 2019 will be jointly organized by The Chinese Society for Metals and China Steel Construction Society.

With the rapid development of world's steel production and consumption, the important role of roll forming technology has achieved worldwide acknowledgement in many industrial sections, such as construction, automobile, bridge, etc. In the recent 20 years, the Chinese cold-formed steel industry has been developed rapidly. The annual production of welded pipe reached 60 million tons in 2018. The cold-formed steel producers and consumers are constantly seeking the possibility of increasing strength, improving the fabrication and service performances, and also continuously working on the way for simplifying process and reducing the costs.

Roll Forming 2019 aims to further enhance the close cooperation among steel enterprises, research institutions and cold-formed steel manufacturing companies, through the extensive exchanges on the experiences and latest achievements of the research, development and application of roll forming technology.

We invite you to join us in Guangzhou and look forward to hosting a successful and inspiring conference!

Prof. Jingtao HAN

Chairman of Organizing Committee of Roll Forming 2019
President of Chinese Confederation of Roll Forming Industry
University of Science and Technology Beijing





Scope

- ▲ Fundamentals and theoretical researches on roll forming
- ▲ Progress on roll forming technology and future prospects
- ▲ Innovation technologies (splitting forming, chain forming, etc.)
- ▲ Process evolution and optimization on roll forming
- ▲ Quality control technology on roll forming (precision, microstructure, cracks, residual stress and surface, etc.)
- ▲ Software and numerical simulation technology on roll forming
- ▲ Development of roll forming material technology (HSS/UHSS, hot forming steel, laminated materials, etc.)
- ▲ Development of hot roll forming and partly hot roll forming technology
- ▲ Development of welding and joining technology of roll forming
- ▲ Progress in roll forming equipment
- ▲ Development of stamping, shearing and packaging technology of roll forming
- ▲ Roll forming standard and specification technology
- ▲ Roll formed products used in construction industry
- ▲ Roll formed parts used in automobile lightweighting and high-efficiency technology
- ▲ Roll formed products used in petrochemical industry
- ▲ Roll formed products used in other industrial applications
- ▲ Advances test and inspection technology in roll forming
- ▲ Automation and information technology in roll forming
- ▲ Extension processing technology in roll forming (bending, reduction, painting, etc.)
- ▲ Development of over-specified (super-thick, super-large) roll forming products
- ▲ Heat treatment technology for roll formed products
- ▲ Experience exchange in roll forming production
- ▲ Education and continuing engineering education of roll forming

Official Language

Official language for the symposium is English.

Call for Papers

All contributions on the topics of the symposium as described previously are welcomed. Prospective authors are invited to submit an abstract (300 words in English), the deadline of abstract submission is May 1, 2019. The abstract is requested to submit through the conference website: www.rollforming2019.com. If there are any problems during the submission process, please contact the conference secretariat (email: rollforming2019@csm.org.cn).

Schedule

- November 18, 2019 Registration
- November 19-20, 2019 Meeting
- November 21, 2019 Post-Technical Visit

Milestone Dates

- Abstract Deadline..... May 1, 2019
- Manuscript Deadline..... July 1, 2019

Symposium Secretariat

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About Guangzhou

As the capital of Guangdong province, Guangzhou sits at the lower reaches of the Pearl River in the province's south-central region. The sprawling metropolis spans an area of 7,434.4 sq km and serves as the political and cultural center of Guangdong. North of both the Hong Kong and Macao special administrative regions, Guangzhou's location in the Pearl River Delta has long secured the city's position as the leading entry and exit shipping port of Chinese mainland, earning the city the title of China's "Southern Gateway".

Located in the South Asia Tropical Zone and nestled between both mountains and sea, Guangzhou experiences a typical monsoon-marine climate with warm temperatures, ample rain, low temperature differentials, extended summers and a short frost period. Winters in the city are cold and dry, while summers are wet with high temperatures and a high humidity index.

The city's immensely developed infrastructure has made Guangzhou an important travel hub in the mainland. The Beijing-Guangzhou, Guangzhou-Shenzhen, Guangzhou-Maoming and Guangzhou-Meizhou-Shantou railway systems offer high-speed rail services capable of reaching all major cities across the whole of China in one day or less.

As one of the most developed industrial centers in China, Guangzhou is a mass distribution hub for both foreign and domestic goods. The city annually handles \$130 billion yuan (\$18.97 billion) and nearly 800 billion yuan in foreign and domestic products, respectively.