



Roll Forming 2019

2019 International Symposium on Roll Forming Technology

Guangzhou, China

November 19-21, 2019

Call for Papers / First Announcement

Organized by

The Chinese Society for Metals (CSM)

China Steel Construction Society (CSCS)



Co-sponsored by

Associazione Italiana di Metallurgia (AIM), Italy

The Korean Institute of Metals and Materials (KIM), Korea



Conference Website: www.rollforming2019.com



Invitation to Roll Forming 2019

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

Organizers / Committees

Organized by

The Chinese Society for Metals (CSM)

China Steel Construction Society (CSCS)

Co-sponsored by

Associazione Italiana di Metallurgia (AIM), Italy

The Korean Institute of Metals and Materials (KIM), Korea

Organizing Committee

Chairman:

Jingtao Han

President of Chinese Confederation of Roll Forming Industry
University of Science and Technology Beijing

Members:

Jianguo Cao

University of Science and Technology Beijing China

Huocheng Chen

Taiwan Society of Light Gauge Steel Buildings Taiwan, China

Scot Ding

The University of Queensland Australia

Xinsha Fu

South China University of Technology China

Ming Wang Fu

The Hong Kong Polytechnic University Hong Kong, China

Fei Han

North China University of Technology China

Zhengyi Jiang

University of Wollongong Australia

Seongman Jung

FIXON Inc. Korea

Phillippe Lefort

Fast Direct Link Italy

Huamin Liu

Jilin University China

**Joseba Mendiguren
Olaeta**

Mondragon Unibertsitatea Spain

T. Nakata

Nakata Co., Ltd. Japan

Chi-Ling Pan

Chaoyang University of Technology Taiwan, China

Yaoguang Peng

Hong Kong Constructional Metal Structures
Association Hong Kong, China

Bernard Rolfe	Deakin University	Australia
Albert Sedlmaier	data M Sheet Metal Solutions, GmbH	Germany
Lei Shi	China BaoWu Steel Group Co., Ltd.	China
A.K.Tieu	University of Wollongong	Australia
Yu Wang	University of Science and Technology Beijing	China
Matthias Weiss	Deakin University	Australia
Menghuai Wu	Montanuniversitaet Leoben	Austria
Peijie Yan	China BaoWu Steel Group Co., Ltd.	China
Wanhua Yu	University of Science and Technology Beijing	China
Yongjun Zhang	University of Science and Technology Beijing	China
Hanyao Zhang	Macau Society of Metal Structures	Macao, China
Guohui Zhong	The Hong Kong Polytechnic University	Hong Kong, China

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

Call for Papers / Official Language / Schedule

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 **August 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).

Official Language

Official language for the symposium is English.

Schedule

November 18, 2019 Registration

November 19-20, 2019 Meeting

November 21, 2019 Post-Technical Visit

Symposium Secretariat

Mr. ZHAO Xin, The Chinese Society for Metals

76 Xueyuan Nanlu, Beijing 100081, China

Tel: +86-10-65211205 Fax: +86-10-65124122

Mr. Xing Guo, Mr. Changgen Yu, Chinese Confederation of Roll Forming Industry

30 Xueyuan Lu, Beijing 100083, China

Tel: +86-10-63813263; Fax: +86-10-63813263

E-mail: rollforming2019@csm.org.cn

Website: www.rollforming2019.com

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.

