



## Venue and Settings

### Tongji University – School of Leaders

The 17th GCSM will be held at Tongji University in Shanghai which is one of the leading universities in China. Its history can be traced back to 1907 when German Medical School was founded by Erich Paulun, a German doctor in Shanghai. Mechanical Engineering was established in 1912. Today Tongji covers 10 broad categories of academic disciplines, incl. engineering, science, medicine, management, economics, philosophy, literature, law, education and arts. The university now registers more than 40.000 students. Many of current business leaders, engineering technology experts, scientists and educators of China were graduated from Tongji University.

## Contact

### International Chairmen:

Prof. Dr.-Ing. Holger Kohl  
Prof. Dr.-Ing. Günther Seliger (*Founding Chairman*)

### National Chairmen:

Prof. Dr. Zhang Weimin  
Dr.-Ing. Ömer Şahin Ganiyusufoğlu

Website: [www.gcsm.eu](http://www.gcsm.eu)  
E-Mail: [gcsm@mf.tu-berlin.de](mailto:gcsm@mf.tu-berlin.de)  
Tel.: +49 (0)30 314-25549



## Topics

### Sustainable Products

- Product (re)design for circular economy
- Product recovery, reuse and remanufacturing
- Product life cycle, information and knowledge management
- Product service systems

### Sustainable Manufacturing Processes

- Manufacturing processes, tools and equipment
- Energy and resource efficiency
- Resource utilization and waste reduction
- Maintenance, service, repair and overhaul of manufacturing machines and equipment

### Sustainable Manufacturing Systems

- Manufacturing system design
- Production planning, scheduling and control
- Sustainable reconfigurable manufacturing systems
- Sustainable supply chains

### Crosscutting Topics in Sustainable Manufacturing

- Sustainable value creation
- Strategies and business models
- Industry 4.0 and sustainable manufacturing
- Metrics for sustainable manufacturing (product, process, systems)
- Education and workforce development
- Sustainable smart cities

## Publication

All accepted papers will be published as open access in Procedia Manufacturing ([www.journals.elsevier.com/procedia-manufacturing](http://www.journals.elsevier.com/procedia-manufacturing)).



# 17<sup>th</sup> Global Conference on Sustainable Manufacturing



October 9-11, 2019  
Shanghai  
China

[www.gcsm.eu](http://www.gcsm.eu)



Sustainable  
MANUFACTURING



Sponsored by CIRP  
International Academy for Production Engineering



From saturated markets  
< 1 billion people

**Hand in Hand  
Bridging the Gap**

to hungry markets  
> 6 billion people

## 17<sup>th</sup> GCSM Invitation

The Institute of Advanced Manufacturing Technology and Sino-German School for Postgraduate Studies (CDHK) at the Tongji University of Shanghai, together with the Technical University of Berlin and Fraunhofer IPK, cordially invites you to join the 17<sup>th</sup> Global Conference on Sustainable Manufacturing (GCSM) in Shanghai, China.

The GCSM serves as a forum for researchers and specialists from universities, research institutes and industry working on topics related to sustainable manufacturing to share research advances and engage in fruitful dialogue. The conference includes keynote presentations, panel discussions and parallel sessions on current and emerging topics relevant to advancing sustainable manufacturing.

You are cordially invited to submit a paper to the conference. We look forward to welcoming you to Shanghai for the 17<sup>th</sup> GCSM.

Best regards,

Günther Seliger, Holger Kohl, Zhang Weimin and Ömer Şahin Ganiyusufoğlu

## Shanghai, China

Shanghai has been described as the “showpiece” of the booming economy of mainland China. It is one of the fastest developing cities in the world. This metropole with its more than 25 million inhabitants developed a breathtaking skyline over the last few decades. Modern architecture can be seen side by side with areas representing ancient China, thus composing a melting pot of a long history.

Shanghai is one of the main industrial centers of China, playing a key role in China’s heavy industries. In addition to China’s largest steel maker, largest shipbuilding base and Chinese and international automotive corporations, there are several other industries with global extent.

Although China is developing unprecedentedly, it is a very big heterogeneous country. It represents a country with highly developed areas such as east belt, emerging areas and developing areas such as west China. So far, China offers an immense potential for sustainable development. Thanks to this characteristics of China we hope that the 17<sup>th</sup> GCSM in Shanghai can contribute to bridging the gap between saturated and hungry markets.

## Deadlines

Abstract submission	March 11, 2019
Notification of abstract acceptance/rejection	March 18, 2019
Full paper submission	May 6, 2019
Notification of full paper acceptance/rejection	July 1, 2019
Final manuscript submission	July 15, 2019

## Registration Fees

Early bird	€ 550	On or before July 31, 2019
Regular	€ 600	On or before August 31, 2019
On-site	€ 650	After August 31, 2019

