



China-Germany-Japan Workshop on Advanced Manufacturing of New Energy Vehicles

October 27-28-29, 2021

Language: English & Chinese

Virtual Workshop

CALL for PAPERS



BACKGROUND

The lightweight and intelligent manufacturing technology of new energy vehicles has become the national manufacturing development strategy of "Made in China 2025" and "National 13th Five-Year Plan for the Intelligent Manufacturing". China's automobile industry will use intelligent manufacturing technology to achieve a comprehensive industrial upgrade. The intelligent, lightweight, and electrified technologies of China's new energy vehicles have brought about new changes, and will also accelerate the development of key technologies for new energy vehicles, the innovation of green product lines as well as smart equipment technology applications.

China's huge market demand for new energy vehicles has created huge business opportunities for the development of the global automotive industry. China, Germany and Japan are three leading countries which are developing and applying new manufacturing technologies for new energy vehicles. This workshop provides a platform for the experts from these three countries to demonstrate new advanced manufacturing technologies for new energy vehicles and further discussions.

SCHEDULE

- 🌐 Opening on October 27 afternoon
- 🌐 International presentation on October 27,28, 29 afternoon
- 🌐 Local workshops including company tour on October 28, 29 morning

HOSTS

SAMPE China Mainland Region

Donghua University

Vehicles Composite Materials Lightweight Committee of SAMPE China

Composites United

Sino-German Association of 3D-Printing and lightweight

Osaka City University

The Japan Society for Interface

CHAIRS

- 🌐 Prof. Yiping QIU, SAMPE China Mainland Region
- 🌐 Prof. Amy YANG, Donghua University

-
- 🌐 Dr. Tao WU, Technische Universität Dresden
 - 🌐 Dr. Gunnar Merz, Composites United e.V.
 - 🌐 Dr. Nakatani Hayato, Osaka City University
 - 🌐 Dr. Masahito Ueda, The Japan Society for Interface

SCOPE & TOPIC

The workshops technical committee invites Scholars, Experts, Designers, Engineers, Researchers, Manufacturers and End Users being active in or for NEVs, parts, advanced materials, designers to present their latest innovation, development, achievement, test-results and new applications. Paper topics will include, but not be limited to:

1. Innovations in recycling
2. Green composites
3. Circular economy
4. Lightweight manufacturing technology of automobile and parts
5. Advanced joining and 3D-printing technology
6. Innovative design and manufacturing of lightweight battery
7. Function-integrative lightweight system in multi-material design
8. Advanced molding, automatic and digital production technology
9. Digital twins and virtual assembly
10. Lightweight smart chassis

IMPORTANT DATE

October 1st, 2021 - Abstract Submission Deadline for Oral Presentations

October 12th, 2021-Acceptance Notification for Submitted Oral Presentations

Abstracts from one paragraph up to two pages in length will be accepted for this conference.

Once you have completed your abstract, please attach your document to an email as a Word or PDF file and send it to service@sampe.org.cn

CONTACT INFORMATION

Jason CUI, Secretary, SAMPE China Mainland Region

Tel: +86-10-66095269 Fax: +86-10-66095256

Email: jason.cui@sampe.org.cn