

## Highlights from the BETA China 2024 Technology Workshop at PATAC



China, July 26, 2024

As a leading automotive technology center, PATAC places great importance on simulation applications. This workshop brought together several of its simulation teams, including those specializing in crash safety, CFD, powertrain systems, optimization, and model development.

BETA's technical team introduced the full range of BETA software products and solutions and provided a preview of the version 25.0.0, offering valuable insights.

In addition to ANSA and META, the SPDRM simulation management solutions, the machine learning training processes, and the EMC modeling attracted the interest of PATAC engineers and led to discussions. The SPDRM simulation platform integrates and manages simulation data, resources, and processes in a unified manner, improving efficiency for large-scale teams. The combination of machine learning and AI has elevated simulation, while the ANSA-ASERIS-META toolchain enables complete automotive EMC modeling.

Next, in the critical areas of collision safety and CFD pre- and post-processing, BETA presented an extensive array of features and tools, including:

- Airbag folding tool
- Seatbelt tool
- HBM dummy support
- Volume mesh generation
- SPH Hydrodynamics solver

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BETA China's "2024 Tech Workshop" series is halfway through, and we're committed to deep discussions with our users. We look forward to collaborating to maximize the benefits of simulation technology.



#### About PATAC

Founded in 1997 as the design and engineering center for Shanghai General Motors, Pan Asia Technical Automotive Center has consistently maintained a leading position in China's automotive industry and is committed to continuously improving local design and engineering development capabilities.

PATAC website: [www.patac.com.cn](http://www.patac.com.cn)

#### About BETA CAE Systems

BETA CAE Systems transformed engineering simulation by introducing revolutionary process automation software tools and practices into Simulation and Analysis, more than 30 years ago. Committed to our mission to enable engineers to deliver results of high value, we continue to offer state-of-the-art, high-performance software and best-in-class services to the industry, around the world.

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