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MBSE TECHNOLOGIES IN CIVIL AIR TRANSPORTATION

2200 STS SESSIONS

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ABSTRACT

The Model Based Systems Engineering (MBSE) technology had been well applied in aviation industry. This STS will focus on recent practices and achievements of MBSE technology in the design of low-altitude air vehicles and low-altitude system of systems.

The topics consist of and are not restricted to: Application of MBSE Technology in Design of Low-Altitude Air Vehicle at Conceptual Design Synthesis Stage, Low-Altitude Air Vehicle System Design, Low-Altitude System of Systems Design and Optimization, MBSE-Driven Exploration of Logical Architecture Design Spaces and Trade-off Analysis of Multiple Solutions, and Design Technologies of Low-Altitude Spectrum Monitoring System Based on MBSE.

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