Advanced Configuration Aircraft Control Technology

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In general, advanced configuration aircraft usually adopts new aerodynamic layout and new control approaches, and its effective stability and control is one of the research hotspots in the field of flight control. The purpose of this session is to show and share new ideas and achievements of research and application in advanced configuration aircraft control with relevant experts, scholars and engineers around the world. The topics of paper include but are not limited to: new configuration high-speed rotorcraft control, stealth layout aircraft control, morphing aircraft control, multiple control surfaces integrated control, nonlinear control, large envelope adaptive control and other related theories, modeling, simulation, system design and other innovative applications and research trends.

先进构型飞行器控制技术

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先进构型飞行器通常采用新的气动布局和新的控制方式，其有效的稳定和控制是飞行控制领域的研究热点之一。本专题旨在与世界范围内相关专家、学者、工程师一起，共同展示和分享先进构型飞行器控制技术的相关研究和应用的新思路和新成果。本专题论文主题包含但不限于：新构型高速直升机控制、隐身布局飞行器控制、变体飞行器控制、多操纵面综合控制、非线性控制、大包线自适应控制等相关的理论、建模、仿真、系统设计等相关创新应用及研究新趋势。