

M—Guidance / Navigation and Control Education

M2 - Guidance/Navigation and Control Educational Innovation Patterns

Organizers:

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For the development requirements of the fourth industrial revolution, exploring and practicing the teaching patterns with aviation and aerospace characteristics are to improve the theoretical and practical teaching levels in the fields of guidance/navigation and control to cultivating innovative engineers. It is also one of the core themes of future development of higher education in science and engineering. The purpose of this session is to bring together professors, scientists and engineers throughout the world to present and share the effective methods and advanced experience in theoretical and experimental teaching. The topics of paper include, but are not limited to: knowledge perception and cognition laws, theoretical teaching patterns and methods, experimental teaching patterns and methods, aviation and aerospace characteristic teaching patterns, extracurricular scientific innovation teaching, teaching reform ideas and methods, teaching management with networks and intelligence, teaching trends of education patterns, etc.

M2-制导/导航与控制教育创新模式

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面向第四次工业革命的发展需求, 探索并实践有航空航天特色的教学模式, 是提升制导/导航与控制领域的理论教学与实践教学水平、培养创新型工程技术人员的重要渠道, 也是高等理工科教育面向未来发展的核心主题之一。本专题旨在与世界范围内相关专家、学者、工程师一道, 共同展示和分享在理论教学与实验教学的高效方法和先进经验。本专题论文主题包含但不限于: 知识感知与认知规律、理论教学模式与方法、实验教学模式与方法、航空航天特色教学模式、课外科研创新教学、教学改革思路与方法、教学管理网络化与智能化、教学创新模式发展趋势等。