M—Guidance / Navigation and Control Education

M3 - Guidance/Navigation and Control Educational Innovation Practice

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For the development needs of the fourth industrial revolution (especially in the modern aerospace fields), carrying out innovative practical education is a major mean to consolidate theoretical fundamental knowledge and cultivate innovative and practical abilities of the frontline engineers in the fields of guidance / navigation and control. The purpose of this session is to bring together professors, scientists and engineers throughout the world to present and share the basic ideas and outstanding results of innovation and practical education. The topics of paper include, but are not limited to: basic concepts of innovative practice education, methods and technologies for constructing innovative practice platforms, management patterns of innovative practice platforms, aviation and aerospace characteristic teaching practice, networking and intelligent practice platforms, exploration and practice of learning factories, typical cases of innovative practice platforms, innovative development trends of practical education, etc.

制导/导航与控制教育创新实践

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面向第四次工业革命（特别是现代航空航天领域）的发展需求，开展制导/导航与控制领域的创新实践教育，是巩固理论基础知识、培养学生创新实践能力的基本手段，是培养创新型、实践型工程师的重要途径。本专题旨在与世界范围内相关专家、学者、工程师一道，共同展示和分享在创新实践教育的基本理念与优秀成果。本专题论文主题包含但不限于：创新实践教学基本理念、创新实践平台建设方法与新技术、创新实践平台管理模式、航空航天特色教学实践、实践平台网络化与智能化、学习工厂模式探索与实践、典型创新实践平台案例、创新实践教育发展趋势等。