制导、导航与控制中的信息融合及智能化处理

Information Fusion and Intelligent Processing in GNC

组织者：

宋闯，北京机电工程研究所，研究员，部副主任，13381055619@163.com

郝明瑞，北京机电工程研究所，研究员，研究室副主任，hmrhit@163.com

贺风华，教授，哈尔滨工业大学，hefenghua@hit.edu.cn

张航，北京机电工程研究所，工程师，zhh0993@163.com

陈松林，副教授，哈尔滨工业大学，songlin@hit.edu.cn

摘要：

多传感器信息融合及数据处理一直是导航制导与控制领域的研究热点问题，近年来机器学习等智能化方法在这一方向上也得到了广泛的应用。本专题旨在与相关专家、学者和工程师一起分享智能化处理方法在多传感器信息融合与处理中的新思路和新成果。本专题论文主题包含但不限于：智能协同感知方法、集群飞行中的传感器选型及编队构型设计、数据驱动的制导与控制信息处理、数据关联和滤波估计方法、智能导航方法、智能信息处理的应用及发展趋势等。

Information fusion and data processing are hot issues in the navigation, guidance and control. In recent years, machine learning-based methods also have extensive applications in this area. The aim of this session is to invite experts, scientists and engineers throughout the world to share their innovative ideas related to information fusion and data processing in learning-based intelligent approach. The topics include but are not limited to: intelligent cooperative sensing, sensor allocation and formation design, data-driven information processing in guidance and control, data association and estimation, intelligent navigation, applications and trends.