

总师论坛

Chief Designer Forum

Subject(X)=GNC 在 X 工程实践中的诀窍

(X ∈ 航空 or 航天 or 航海)

Subject (X)=Human System Integration

(x ∈ Aeronautics or Astronautics or Marine)

Time: 15:45-18:00, August 8, 2026

Venue: Junior Ballroom, 2nd Floor

(桂林香格里拉酒店 2 层 漓江厅)

Chair: Yingxun Wang 王英勋

人与系统综合（Human System Integration, HSI）是系统工程的核心分支，把人作为系统不可分割的核心要素，在全生命周期中把人的能力、局限、需求与系统的硬件、软件、组织深度融合，实现整体系统性能最优与全生命周期成本最低，有着广阔的发展前景。本论坛邀请来自于航空、航天、航海领域的4位知名总师将分享他们在各领域中有HSI在典型工程问题的解决之道。来自一线总师们的倾情讲述和与现场互动，将向大家揭示HSI工程创新中蕴含的科学道理。

Human System Integration (HSI) is a core branch of system engineering that treats humans as an inseparable and essential element of the system. By deeply integrating human capabilities, limitations, and needs with hardware, software, and organizational aspects throughout the entire lifecycle, HSI aims to achieve optimal system performance and minimize lifecycle costs, offering broad prospects for development. This forum invites five renowned chief engineers from aviation, aerospace, and maritime fields to share their insights on solving typical HSI challenges in real-world engineering projects. Through heartfelt presentations and interactive discussions with the audience, the experts will reveal the scientific principles underlying innovation in HSI engineering.

About the Chair

Professor Yingxun Wang 王英勋

Beihang University, China



Yingxun Wang is a professor and doctoral supervisor in Beihang University, Beijing, China. He is the council member of China Society of Aeronautics and Astronautics, the director of UAV system professional group in China AOPA UAV professional committee, and the appointed representative of UAV driver. He used to be director of UAV Office in Aviation Industry Corporation of China (AVIC). He is engaged in autonomous control of UAV, key model development and project management, and served as the deputy chief designer and chief designer. He has obtained IPMP senior project manager qualification and INCOSE Certified System Engineer lecturer. He

won the first prize of national science and technology progress (R3), the outstanding young engineer of Beijing, the pacesetter of economic and technological innovation of Beijing, and the gold medal of AVIC.