

Invited Seminar

1. **Title : Aerial Robotic Operations – Advances and Challenges**
2. **Speaker : Prof. Antonios Tsourdos**
3. **Date : 2024. 10. 30 11:00 – 12:00**
4. **Location : Chung-Ang University Rm. 520, Bldg. 310**
5. **Abstract :**

Recent advances in artificial intelligence and robotics have paved the way for new capabilities in transportation and logistics. Autonomous robots and drones offer avenues towards enhanced safety, sustainability, and commercial competitiveness in the transportation of passengers and goods. This talk primarily focuses on the advancement of drones as vehicles, the development of infrastructure for drones, and their operational aspects, including air traffic management and related operations.

6. Biography :

Prof. Antonios Tsourdos obtained an MEng on Electronic, Control and Systems Engineering from the University of Sheffield (1995), an MSc on Systems Engineering from Cardiff University (1996) and a PhD on Nonlinear Robust Flight Control Design and Analysis from Cranfield University (1999). He is a Professor of Autonomous Systems and Control with Cranfield University. He was appointed Head of the Centre of Autonomous and Cyber-Physical Systems, School of Aerospace, Transport and Manufacturing in 2012 and Director of Research - Aerospace, Transport and Manufacturing in 2015 and Director of AI, Autonomy and Robotics theme in 2024. Professor Tsourdos is a Fellow of the Royal Aeronautical Society, he has served (2017-2023) as chair of the IFAC Technical Committee on Aerospace Control.

7. **Enquiry Contact : Prof. Seokwon Lee (☎ 882-5364)**