

- The 45th IROAST Seminar - IPPS Lecture & Seminar No. 42

Title: Flow Control Techniques in S-Shaped Ducts

Lecturer: Prof. Konstantinos Kontis

(Dean for Global Engagement – East Asia & China,
Head of Aerospace Sciences Division, University of Glasgow)
IROAST Distinguished Professor, Kumamoto Univ.

Date & Time: Dec. 11, 2018 (Tue.) 14:30~16:00

Venue: Common Building 3, 5th Floor, 516 (Seminar room)

Abstract: The presentation will give an overview of the University of Glasgow Aerospace research activities. It will discuss the complex flow physics in diffusive, s-shaped airplane engine intake ducts, and flow control methods employed to counteract the onset of separation, swirl formation, and non-uniformity of pressure at the aerodynamic interface plane. Passive, active, and hybrid flow control techniques will be presented.

**Supported by Intentional Research Organization
for Advanced Science and Technology (IROAST)**