

Special Issue: Guest Editor's Note

This special issue in the International Journal of Flow Control features five articles originating from Asia. Significant research progress can be seen in Asia in flow control. Funding is mostly provided by national funding agencies. For example, a special national program was initiated in 1997 in China to support research of great scientific and technical importance. The Multidisciplinary University Research Initiative (MURI) projects have been established and funded through this program. In addition the National Natural Science Foundation of China focusing on basic research provides sustained support for innovative researchers.

From the selected papers, one paper given by Li et al. (China) provides an extensive review on the recent activities in flow control using plasma actuators in China. The paper from Tsinghua University (China) presents a detailed DNS study for static and active dimples. In the contribution of Yu et al. (China), a laser energy deposition is used for drag reduction in a Mach 8 bow shock. Another paper regarding application of laser energy deposition to cavity flow is reviewed by Yilmaz et al. (Turkey). Okada et al. performs a LES to study the vortex structure of a separated flow controlled by a synthetic jet.

A good amount of effort has been put into paper solicitation. However, a restriction to very few papers in this special issue in a limited time frame is the main reason that three of the five selected papers come from China. However, I have encouraged all other colleagues to submit regular papers to the International Journal of Flow Control for forthcoming issues.



Guest Editor
Dr. Hong Yan

