Special Issue

Fluidic Oscillators-Devices and Applications

Message from the Guest Editors

Fluidic oscillators are devices that create a pulsating or sweeping motion of a fluid solely based on their internal dynamics without the use of any moving parts. A significant amount of research was conducted on these devices after their discovery in the 1950ies. However, only few industrial or commercial applications were realized and the research on fluidic oscillators had subsided. Over the last two decades, fluidic oscillators have gain renewed interest through their use as active flow control devices. This work has sparked a broader interest to develop novel devices and explore innovative applications. The goal of this Special Issue is to provide an overview of the state-of-the-art as well as to capture novel devices and applications.

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