

Special Issue

Active Control of Sound and Vibration

Message from the Guest Editors

The history of active sound and vibration control technology can be dated back to its first documented attempt in the 1930s. It first became a popular research area in 1990s, during that period, enormous studies were carried out. After a one-decade "cooled-down" period, active sound and vibration control have recently reclaimed its research popularity. This is not only driven by the even wider range of application and commercialization potentials of this technology brought by the recent rocketing in the computing power of signal processing hardware together with its cost drop, but also by the unprecedented potential research outcomes if the recent research breakthroughs in other widely studied areas, can find their ways in benefiting active control of sound and vibration. This special issue welcomes submissions of recent research work, which include algorithm development, system modeling, physical mechanisms, review/tutorials, hardware and software, new sensing and computing technologies, engineering applications.

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