**Session Title**: Flow-induced vibration energy harvesting and its applications

**Introduction**:

In response to global energy challenges, flow-induced vibration energy harvesting has garnered significant attention in recent years. This technology focuses on capturing and converting energy from flow-induced vibration systems with complex dynamic behaviors, providing cost-effective and sustainable energy solutions for remote or off-grid environments. This session will provide a platform for researchers to share recent advancements and insights, with an emphasis on the design, modeling, and optimization of flow-induced vibration energy harvesters. We hope that this meeting can foster fruitful discussions, stimulate new ideas and collaborations, and ultimately advance the field.

**Topics**:

* Design and optimization of flow-induced vibration energy harvesting devices
* Multi-physics modeling and computation of flow-induced vibration energy harvesting systems
* Experimental characterization and performance evaluation of flow-induced vibration energy harvesting devices
* Power management circuits for flow-induced vibration energy harvesting devices
* Engineering applications of flow-induced vibration energy harvesting systems
* Challenges and opportunities in flow-induced vibration energy harvesting technology

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